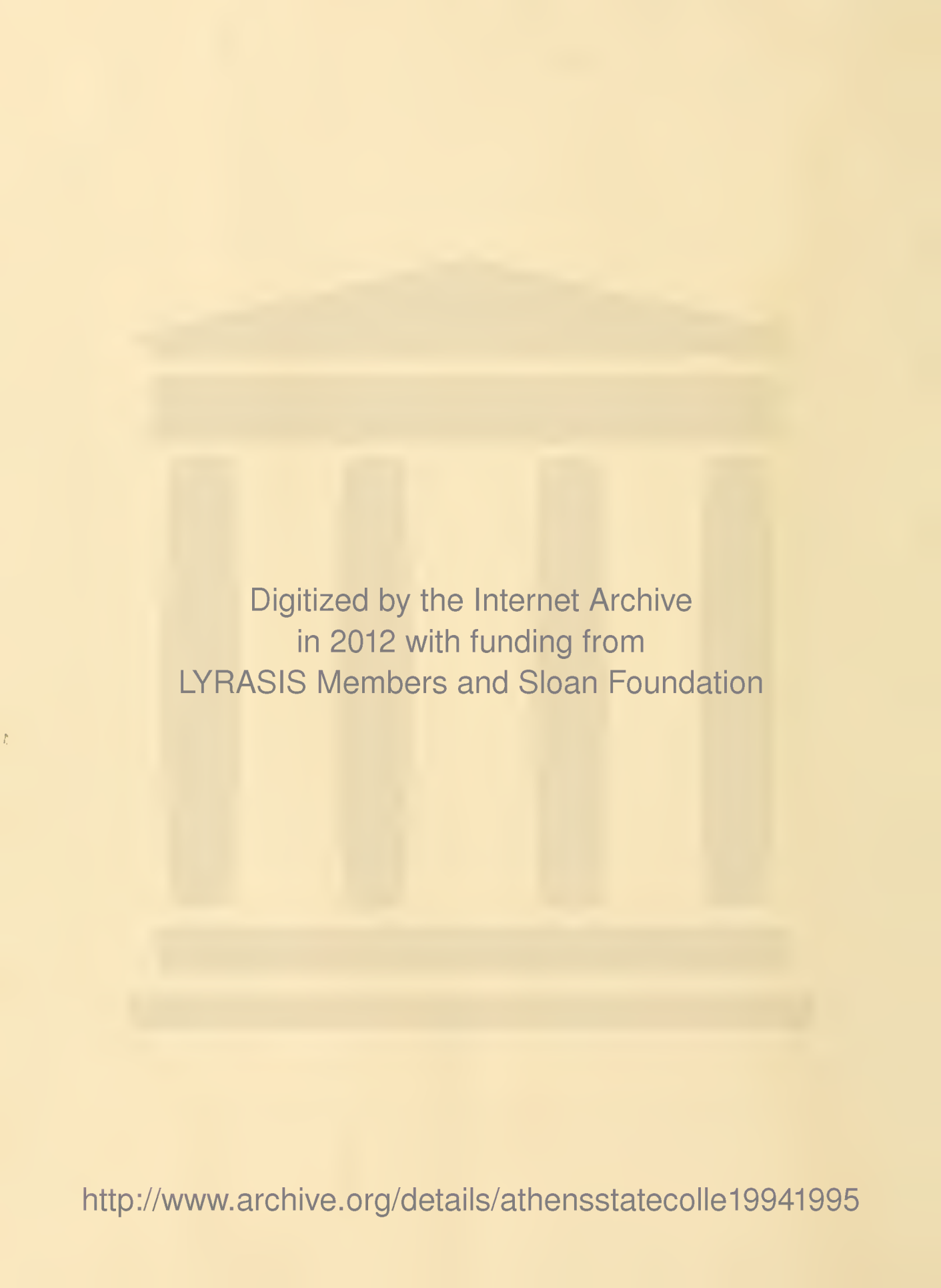
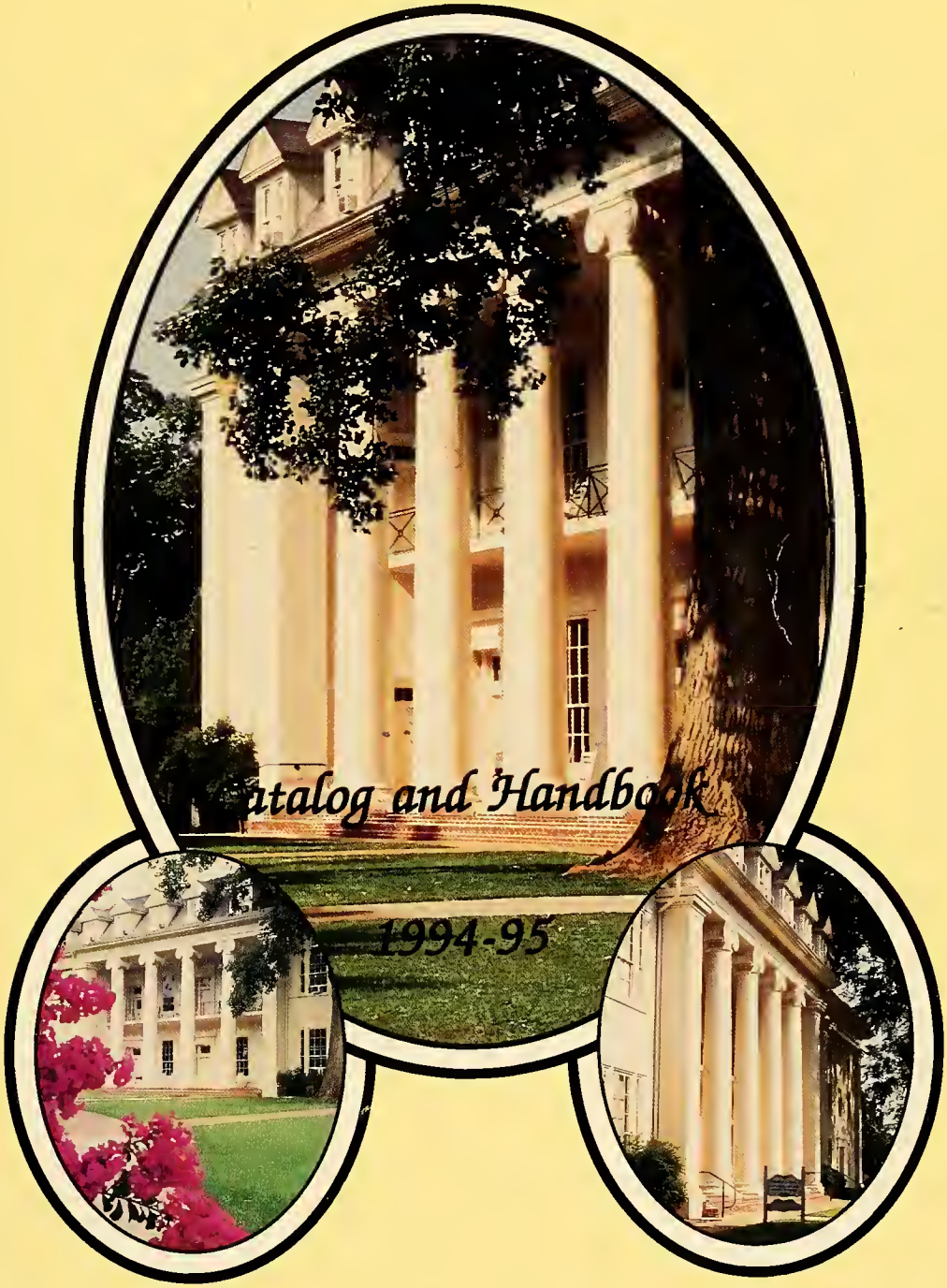

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Founders Hall, Room
308

Athens State College
Athens, Alabama



atalog and Handbook

1994-95

ATHENS STATE COLLEGE

Toll Free 1-800-522-0272 **(205) 233-8100** FAX (205) 233-8164
TDD (Hearing Impaired) (205) 233-1127

FOR INFORMATION CONCERNING:

Academic Programs
Academic advising, programs of study, academic policy/procedures
- Dean of Academic Affairs 233-8214
- School of Business 233-8117
- School of Education 233-8257
- School of Humanities & Social Sciences 233-8273
- School of Science & Mathematics 233-8274

Administration
- President 233-8200
- External Affairs 233-8114
- Community Services 233-8298

Admissions 233-8220
Admission requirements, application forms, catalogs, schedules, registration information

Alumni Affairs 233-8275
Alumni information, special events, newsletter

Bookstore 233-8249

Business Office 233-8204
Payment of tuition and fees

Disability Assistance 233-8285

Financial Aid 233-8170
Scholarship information, work study, student grant/loan information
- Veterans Affairs 233-8124

Information 233-8100

Library 233-8218

Records Office 233-8165
Transcripts

Student Services
- Dean of Student Affairs 233-8268
- Counseling/Career Services 233-8285
- SGA 233-8169

ATHENS STATE COLLEGE

Founded in 1822

State Affiliated

Catalog and Announcements
for
1994-1995

Volume XIX, No. 1

ACCREDITATION

Athens State College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award the baccalaureate degree.

MEMBERSHIPS

The American Council of Education
American Association of Colleges for Teacher Education
Association of Collegiate Business Schools and Programs

Athens State College is approved by the Alabama State Department of Education for the training of elementary, secondary, and postsecondary school teachers. The Alabama State Department of Education is a member of the National Association of State Directors of Teacher Education Certification.

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Athens State College
Athens, Alabama 35611

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Promotions and Publications

NON-DISCRIMINATION

It is the official policy of Athens State College not to discriminate on the basis of race, color, sex, religion, national origin, disability, or age in its educational programs, activities, admissions, or employment as required by Title VI and VII of the Civil Rights Act of 1964 (Sexual Discrimination/Sexual Harassment); Title IX of Education Amendments of 1972; Sections 503 and 504 of the Rehabilitation Act of 1973, and the 1990 Americans with Disabilities Act.

Any person, who believes himself or herself or any specific class of individuals, to be subjected to discrimination prohibited by Title VI, Title VII, or Title IX of the Act or Regulations issued thereunder may, himself or herself or a representative, file a written complaint with the United States Commissioner of Education or with the Dean of Student Affairs at this institution (or both).

DISABILITY STATEMENT

Athens State College does not discriminate on the basis of disability in the admission or access to, or treatment or employment in, its programs or activities. An ADA Coordinator has been designated to insure compliance with the non-discrimination requirements contained in Section 35.107 of the Department of Justice regulations. Information concerning the provisions of the Americans with Disabilities Act, and the rights provided thereunder, are available from the ADA Coordinator.

Athens State College will make every reasonable attempt to provide accommodations needed by individuals with disabilities. Accommodations will consist of working with the Division of Rehabilitation Services and the Alabama Department of Education to provide adaptive equipment, facility modification, and any other reasonable measures available to provide a satisfactory learning and working environment.

It is the responsibility of the individual to notify Athens State College of a disability which may require accommodation. If you have a disability that might necessitate adaptive materials, services, or assistance, please make this known so that the appropriate arrangements can be made. During the day, individuals may contact Maureen Chemsak, the 504/ADA Coordinator, second floor of the Student Center (233-8285); during the evening, individuals may contact Dr. Don Tomlinson, the Assistant Dean for Evening Services, first floor of the Student Center (233-8270); and during the weekend, individuals may contact Dr. Bob Searcy, the Weekend Program Coordinator, first floor of the Library (233-8153).

EDUCATION RIGHTS AND PRIVACY ACT OF 1974

In accordance with the Family Educational Rights and Privacy Act (Sec. 513 of PL 93-380, education amendments of 1974, which amends the General Education Provisions Act, Sec. 438) students of Athens State College are hereby informed of their right of access to their official records as described in the act.

The following is a list of directory information which may be made available regarding students of the college without their prior consent and is considered part of the public record of their attendance: (1) name, (2) permanent and local addresses, (3) telephone listing, (4) date and place of birth, (5) major fields of study, (6) dates of attendance, (7) degrees and awards received, (8) high school and other colleges and universities attended, and (9) participation in officially recognized organizations, activities, and sports. The student is entitled to request in writing, that any or all of this information not be made publicly available prior to the end of the registration period for any given term.

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Any referral in this catalog to credit from educational institutions, implies that said institution is located within the confines of the United States, its territories or its military bases.

Athens State College adheres to the Drug-Free Workplace Policy. Copies of the policy are distributed to all faculty, staff and students.

The catalog is the official announcement of the programs, requirements, and regulations of Athens State College. Students enrolling in the College are subject to the provisions stated herein. Statements regarding courses, fees, and conditions are subject to change without advance notice.

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GENERAL INFORMATION

MISSION

Athens State College is a baccalaureate degree granting institution which offers only junior and senior level course work and operates under the authority of the State Board of Education. Located in north central Alabama, Athens State College acknowledges a commitment to serve transfers of junior, community, and technical colleges as well as students from other institutions of higher education. The College prepares students for professional careers and for graduate school. Athens State offers nontraditional students many programs to fulfill their educational and career goals. Continuing education and community services provide a variety of enrichment opportunities to the people of the region. Athens State College combines individual attention, quality teaching, and a strong liberal arts component to develop an informed individual who is prepared to function effectively in a changing society.

GOALS

1. To provide educational opportunity to postsecondary students through carefully planned and implemented programs of study.

2. To serve the student through convenient scheduling and cooperative arrangements with other institutions.

3. To recruit, retain, and promote professional development of excellent, dedicated faculty and staff.

4. To provide and maintain appropriate learning resources, supportive of student learning, quality teaching, scholarly research, and individual interests.

5. To develop and maintain periodic internal evaluation to ensure that all programs are operating within a manner consistent with the mission of the College.

6. To provide opportunities for students to expand their intellectual, social, and cultural horizons.

7. To provide and maintain a comprehensive program of student services which will provide necessary information, financial assistance, counseling, and guidance to assist progress toward personal, academic, and career goals.

8. To maintain and promote an effective student recruitment and retention program.

9. To provide educational and training programs for the diversified needs of business, industry, and government.

10. To promote the use of appropriate College and community resources to provide cultural and intellectual enrichment through a program of continuing education and community service.

11. To acquire and administer efficiently and effectively fiscal resources from the state as well as additional support from alumni, foundations, and other agencies.

12. To develop and maintain a physical plant appropriate for the support of College programs.

GOVERNANCE

Athens State College is a baccalaureate degree granting institution operating under the control of the Alabama State Board of Education. The president is the chief executive officer of the College and is directly responsible to the State Board of Education through the Chancellor.

HISTORY

Athens State College is both the oldest and the youngest institution of higher education in Alabama's state educational system. The College was founded in 1822 by local citizens who purchased five acres of land, erected a building, and began Athens Female Academy. Ownership of the school was transferred in 1842 to the Tennessee Conference of the Methodist Church. With the birth of the North Alabama Conference of the Methodist Church in 1870, the College came under the jurisdiction of that body.

On May 10, 1974, the Board of Trustees requested from the North Alabama Conference of the United Methodist Church that the College seek affiliation with the State of Alabama. The conference, at its annual meeting in June, 1974, gave the Board of Trustees this permission and authorized the transfer of the college to the State of Alabama.

In June 1975, the College was accepted by the Alabama State Board of Education subject to the appropriation of operating funds by the Alabama Legislature. Later that year, the Legislature appropriated funds for the operation of the College to serve the graduates of state junior, community, and technical colleges/institutes.

The institution's name has changed several times in its 172 year history, following adjustments in purpose and governance. Athens Female Academy, upon transfer to the Tennessee Conference of the Methodist Church in 1842, became Athens Female Institute. Then in 1889 after having been transferred to the newly formed North Alabama conference, the college was known as Athens Female College. In 1931, the College became co-educational and was known as Athens College. In 1975, when the institution became part of the state educational system, it was renamed Athens State College, marking the initiation of an era of increased opportunity for service. The long history of service by the College is the foundation upon which the future of the College rests.

ACCREDITATION

Athens State College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award the baccalaureate degree.

BUILDINGS

Brown Hall

Brown Hall serves as the administrative building. It contains the offices for the President, the Dean for Academic Affairs, the Director of Development, the Office of Continuing Education and Community Services and the Dean for Institutional Advancement.

Chasteen Hall

Chasteen Hall is located one block west of the main campus at the intersection of Clinton and Hobbs Street and serves as a classroom building.

Carter Physical Education Center

The gymnasium, Olympic-size swimming pool, weight room, faculty offices, campus recreation office and classrooms are housed in the Carter Physical Education Center.

Founders Hall

Founders Hall contains the Business Office, the library, the Office of Alumni Affairs, faculty offices, and classrooms. The offices for the School of Business and the School of Humanities and Social Sciences are also located in Founders Hall.

McCain Hall

McCain Hall contains offices for the School of Education, NATE, and classrooms.

McCandless Hall

McCandless Hall contains a small theater, faculty offices, and classrooms.

Naylor Hall

Naylor Hall contains classrooms and offices for faculty.

Sanders Hall

Sanders Hall is a co-educational residence hall and serves as a residence hall for the athletes.

Sandridge Student Center

Sandridge Student Center contains offices for the division of Student Affairs, food service, bookstore, ballroom, recreation areas and meeting rooms.

Waters Hall

Waters Hall contains classrooms and offices for the School of Science and Mathematics.

DIRECTORY OF SERVICE AREAS

Academic Affairs

The Dean of Academic Affairs' office is located on the top floor of Brown Hall. The Dean of Academic Affairs and staff are available to assist you in your academic concerns. Appointments may be made by calling 233-8214. For information concerning degree options contact: The School of Business, Dr. Jim Haynes, School Head, 233-8116; the School of Education, Dr. Jonita Haynes, School Head, 233-8187; the School of Humanities and Social Science, Dr. Curtis Coleman, School Head, 233-8266; and the School of Science and Mathematics, Dr. Ron McNutt, School Head, 233-8136.

Alumni Association

The Athens State College Alumni Association's mission and goal is to enhance the feeling of loyalty and commitment to the College and its alumni. It provides services and programs for its thousands of alumni throughout the world. All functions and services are coordinated and administered by the Office of Alumni Affairs located in Founders Hall. The Athens State College Alumni Bulletin and other alumni publications keep the active alumni, their families and friends informed about the College and the association. Traditional programs such as the annual Homecoming Weekend Festivities, the Fifty-Year Club Celebration, Alumni Scholarship Program and the annual Summer Fest, in addition to chapter meetings, insure opportunities for socialization and sharing among the Athens State College family of alumni, students, faculty, staff and friends. Information regarding events of the Alumni Association may be obtained by calling 233-8275.

Bookstore

Located on the lower level of the Student Center, the Bookstore carries a full line of college textbooks, instructional and educational materials, and a variety of items incidental to student needs. The Bookstore is open from 7:30 a.m. until 5:45 p.m., Monday through Thursday, and from 7:30 a.m. until 4:30 p.m. on Fridays, except for holidays. For information concerning book purchase or buy-backs, call 233-8249.

Business Office

The Business Office, located in Founders Hall, handles financial transactions including check cashing and the issuance of campus parking permits. Should you need information regarding financial affairs call 233-8204 and the Dean of Financial Affairs' secretary will direct you to the proper extension.

Center for Economic Education

Athens State College sponsors a Center for Economic Education for the purpose of improving the level of economic understanding in the North Alabama area. As a network member of the Alabama Council on Economic Education and as an affiliated member of the National Council on Economic Education, the ASC center sponsors and conducts in-service training programs for elementary and secondary teachers employed by local school systems. Dr. James F. Haynes and Dr. Virgiana Hamm serve as the Director and Assistant Director of the Center.

Continuing Education and Community Services

The Continuing Education and Community Services program operates as an integral part of Athens State College and is primarily concerned with the special studies aspects of the educational process within the College and the community. The role of the Continuing Education and Community Services program is prescribed in Standard Nine of the College Delegate Assembly of the Southern Association of Colleges and Schools. Basic programs are developed to meet the following needs: (1) non-credit courses, (2) seminars, (3) conferences, (4) institutes, (5) workshops, and (6) CEU courses. (Athens State College does not accept continuing units (CEU's) for academic credit.) The Continuing Education and Community Services office is located in Brown Hall (telephone 233-8298).

Curriculum Lab

The Curriculum Lab is a resource center providing materials and services for students enrolled in the Teacher Education Program. The Lab houses elementary and secondary texts, teacher editions, and resource materials for most subject areas taught in the nation's schools, as well as lesson planning resources. The Curriculum Lab is located on the top floor of McCain Hall, Room 203. Lab hours are posted quarterly.

Library

The Athens State College Library, established in 1842, is located in Founders Hall, and has holdings in excess of 83,000 volumes and subscribes to 336 journals and magazines. Journals may be accessed through print and computerized indexes, such as ABI-INFORM, ERIC, Academic Abstracts, and Newsbank. Holdings of the library are enhanced by membership in regional and national consortia: the Alabama Library Exchange, the Library Management Network, and the Southeastern Library Network. Special collections include rare books, College archives, local history files, and an extensive religion collection. The staff is committed to research assistance. Library orientation is provided through individual or scheduled group sessions. A variety of informational handouts is also available. The library is open 80 hours per week (seven days a week), except for holidays. The telephone number for the library is 233-8218.

Math Laboratory

The Math Laboratory is located in Waters Hall, Room 4. It offers video-taped lectures with facilities for viewing, computers with a variety of math-related software and personal tutorial assistance. Lab hours change quarterly.

Reading and Math Clinic

The Reading and Math Clinic was established in the 1983-84 school year to fulfill the clinical needs of students in the School of Education and to meet the community's needs for a tutoring and enrichment center. In 1985, the clinic was presented the Program of Excellence in Teacher Education Award by the Alabama Association of Colleges for Teacher Education. The Clinic follows the same calendar year as the College, and serves children in Kindergarten through Grade Eight. Tutoring services are provided in the areas of reading and math for minimal fee of $50.00 for ten sessions.

Redstone Arsenal Extension

Athens State College operates an extension site on Redstone Arsenal, 876-7561. The Extension Office is located in Building #3222. The office is open Monday through Friday from 8:30 a.m. until 4:30 p.m. For the convenience of Athens State students who attend the extension, admission procedures, counseling, registration and other school business may be taken care of through the Extension Office. Classes are held in Buildings #3222 and #3305. Any Athens State College student may take courses at the Extension, however, active duty military, military dependents, retirees, dependents of retirees, and civil service employees at Redstone Arsenal have priority. Only priority students may register at the extension Other students must register at the main campus and may take courses on a space available basis.For further information contact Shirley Williams, 842-9708 or Nancy Bynum, 876-7561.

Servicemembers Opportunity Colleges General Registry

Athens State College has been designated as a member of the Servicemembers Opportunity General Registry. Athens State is committed to providing access to quality programs for military personnel. Program information may be obtained from the office of the Dean for Academic Affairs, 233-8314. Servicemembers Opportunity Colleges (SOC) are sponsored by the American Association of State Colleges and Universities (AASCU) and the American Association of Community and Junior Colleges (AACJC).

Student Affairs Services

The Dean of Student Affairs' office is located on the top floor of the Sandridge Student Center. Student Affairs Services are organized as follows:

Admissions Office, Lower level of Sandridge Student Center, 233-8131.
Athletic Office, Carter Physical Education Center, 233-8140.
Campus Recreation and Intramurals, Carter Physical Education Center, 233-8277.
Counseling and Career Services (Career Services, Counseling, Cooperative Education, Disabilities Coordinator, Admissions Counselor, Veterans Affairs, Testing, and the Recruitment Office), Suite 230, top floor of the Sandridge Student Center, 233-8124, 233-8285 or 233-8180.
Housing Office, Lower level of Sandridge Student Center, 233-8129.
Promotions and Publications (Post Office included), Lower level of Sandridge Student Center, 233-8210.
Records Office, Lower level of Sandridge Student Center, 233-8165.
Student Activities Office, top floor of the Student Center, 233-8227.
Student Financial Services, top floor of the Student Center, 233-8170.

Writing Center

The Writing Center (located in Founders 210) offers free assistance to the ASC community--students, faculty, and staff. The Center is staffed by a director who coordinates services through student tutors who are proficient in writing skills and who are computer-literate so that they may assist in one-on-one consultation as well as in the use of software tutorials. The purpose of the Center is to provide instruction, encouragement, and confidence to those who need to improve writing skills as well as to offer assistance for those who wish to enhance their writing skills.

ADMISSION OF STUDENTS AND APPLICATION PROCEDURES

ADMISSION OF STUDENTS

Admission of Junior College Transfer Students

A junior college transfer student may be admitted to Athens State College provided he or she has earned (1) a degree from a two-year institution accredited by the Southern Association of Colleges and Schools or other regional accrediting agency, or (2) ninety-five quarter hours of college credit with a 2.0 grade point average on a 4.0 scale.

A junior college transfer student may be admitted with eighty-five quarter hours provided he or she has a cumulative 2.0 grade point average on a 4.0 scale and written permission from the academic dean of the junior or community college. (This regulation applies when the student does not plan to receive the Associate degree from the junior or community college and does not need additional courses offered at the junior college level.)

Admission of Technical College/Institute Transfer Students

A student from a regionally accredited technical college/institute may be admitted to Athens State College as a regular degree-seeking student provided he or she has completed a technical program and has received a degree, diploma or certificate. The student must submit an official transcript for review. Credit may be awarded for a maximum of sixty-five quarter hours depending on the particular technical program. Individual related subject courses and grades cannot be directly transcripted as regulated by the State Department of Education and the Southern Association of Colleges and Schools. However, certain courses may be used as substitutions or waivers for a specific course in the Athens State College degree program but will not affect the total hours residency required for that degree program. Credit earned through this method will not be used in determining the student's cumulative grade point average.

Admission of Four-Year College Transfer Students

A student who has completed a minimum of the freshman and sophomore years at a regionally accredited four-year institution may be admitted to Athens State College as a transfer student. The student may transfer any number of credits to Athens State College; however, a minimum of forty-five of the final fifty-four quarter hours must be completed at Athens State College of which fifteen quarter hours must be completed at the main campus. A student must have a 2.0 grade point average on a 4.0 scale.

Admission of International Students

To apply for admission to Athens State College, an international student must obtain an I-20 Form from Athens State College and meet the following criteria:

A. Have 96 quarter hours or equivalent from a regionally accredited institution or the equivalent in a course by course evaluation of foreign educational credentials by World Education Services.
B. Provide official copies of transcripts from all colleges.
C. Provide a letter stating planned major at Athens State College.
D. Provide an Affidavit of Support.
E. Score a minimum of 500 on the TOEFL score.
F. Provide an official copy of TOEFL score.

International students must meet the following requirements in addition to the admissions' requirements listed above:

A. Provide proof of health insurance.
B. Place on deposit with the Business Office a $1,500 U.S. cashiers check. Such deposit may not be utilized by the student at the beginning of each quarter to cover college tuition, books, room and board. Emergency use of the deposit must be reviewed and approved by the Dean of Student Affairs. If any portion of the deposit is used during a quarter, it must be replenished before the student enrolls for the following quarter. Such deposit shall be returned to the student upon permanent separation from the college.

Admission of Transient Students

A student wishing to be admitted to Athens State College as a transient student must complete an application for admission and provide the Coordinator of Admissions with (1) a letter of good standing and permission each quarter from the Dean of Academic Affairs of the institution in which he or she is currently enrolled, and (2) approval from said Dean for specific courses to be taken at Athens State College.

Upon completion of the course(s), the transient student must make a written request for an official transcript to be mailed to the institution in which he or she is enrolled.

Admission of Second Degree-Seeking Students

Students who seek a second degree must meet all admission requirements, complete all catalog requirements for the major in that degree, and must complete a minimum of forty-five quarter hours in residency (15 hours on the main campus) at Athens State College beyond the conferral date of the first degree.

Admission of Former Students in Good Standing

A student who has previously attended Athens State College and is currently in good standing, including students returning after an absence of only one quarter, can be re-admitted automatically. The returning student may complete a reapplication form to update personal information, but no additional application fee will be charged.

If the returning student plans to seek a degree from Athens State College and has attended another college or university during his or her absence from the college, official transcripts must be mailed directly from the college or university attended to the Records Office, Athens State College Student Center, 300 North Beaty Street, Athens, Alabama 35611.

Admission of Students on Probationary Status From Other Institutions

A student on probationary status from another institution who wishes to attend Athens State College must provide official transcripts from all colleges or universities previously attended. These transcripts will be reviewed to determine admissibility.

A student who has been suspended indefinitely from another institution during the current academic year will not be permitted to enter Athens State College. However, the student who has been out of school for more than one year after being suspended indefinitely by another institution will be considered for admissibility.

Admission of Non-Degree Seeking Students

A student who has not completed the required number of credit hours to be accepted as a regular degree-seeking student and who wishes to pursue a limited objective may be admitted to Athens State College as a non-degree-seeking student. Non-degree seeking students should not circumvent attendance at the community/junior/technical college. Such a student should report directly to the Office of Admissions for permission to enter. Records are kept of the work completed and credits are transferable. The limited study student is restricted to a maximum of ten quarter hours per term. The non-degree seeking student should provide official transcripts from any college or university previously attended.

Auditing

Any individual may elect to attend classes at Athens State College on an audit basis, provided he or she has completed an application for admission. Credit is not awarded for audited classes. Audited courses will be allowed on a space available basis. No change from audit to credit is allowed (see page 29). A student who is currently attending high school or who has not earned a high school diploma or equivalent may only audit courses at Athens State College.

Personal Enrichment

A person who wishes to attend Athens State College for personal enrichment or self-improvement will be limited to ten quarter hours per term with credit recorded as for a regular degree-seeking student. This student will be admitted as a special non-degree seeking student and is not required to furnish official transcripts from other colleges or universities previously attended.

Teacher Certification

A student holding a degree from another institution and taking courses at Athens State College for teacher certification purposes is required to submit one copy of all official transcripts from each institution previously attended. These transcripts are not evaluated or recorded but are used in determining teacher certification requirements. (See "Teacher Education Program," page 49.)

APPLICATION PROCEDURES

Application

Each student applying for admission to Athens State College must complete an application for admission and return the application to the Admissions Office accompanied by a required application fee of $30.00. This fee is neither refundable nor applicable to tuition.

Transcripts

The student must provide official transcripts from each college previously attended. The applicant must request that these transcripts be sent directly to Athens State College, Attention: Admissions Office, Student Center, 300 North Beaty Street, Athens, Alabama 35611. A student completing a program at another institution and seeking enrollment at Athens State College without sufficient time to arrange for official transcripts prior to registration may be admitted conditionally with all privileges of a regular student for the quarter. A student admitted under this provision must see that all official transcripts are received by the Office of Admissions prior to the end of the quarter in which he or she first enrolled. Failure to do so may preclude enrollment until all transcripts are received by the Office of Admissions.

Collegiate Assessment of Academic Proficiency (CAAP)

The critical thinking skills portion of the Collegiate Assessment of Academic Proficiency (CAAP) examination will be administered each quarter to a random sample of entering students and a random sample of graduating students. The test results will be used for advisement purposes by the faculty to assess foundational skills of entering students and curricular success of graduating students.

Official Student Records

In accordance with Public Law 93-380, the Family Educational Rights and Privacy Act of 1974, each student and former student of Athens State College has the right to inspect his or her official educational records in the Records Office. This right of inspection does not apply to any confidential information submitted to this office prior to January 1, 1975, nor to access by students or former students to financial records of their parents. Under this act, the college may not release information concerning a student without the student's written permission. The Family Education Rights and Privacy Act in its entirety is available for student reference in the Records Office. Each student should become aware of the provisions of this act.

Transfer of Academic Credit

Athens State College operates on the quarter system. Credits earned in semester hours will be evaluated on the basis that one semester hour equals one and one-half quarter hours. (Example: a three semester hour course would equal 4.5 quarter hours.) (A student's overall grade point average must be a 2.0 or higher (transfer and ASC credits). (See Transfer Credit Restrictions, p. 28.)

FINANCIAL INFORMATION

Athens State College is committed to providing a quality educational program at the lowest possible cost. Therefore, Athens State is especially committed to a professional and business-like approach in the management of its financial resources.

TUITION

Tuition and fees are subject to change at any point of time, subject to approval of the Alabama State Board of Education.

Alabama Residents

The Alabama resident tuition is thirty-three dollars ($33.00) per quarter hour. Payment due dates are posted in the schedule. No student will be allowed to defer payments.

Out-of-State and Foreign Students

Tuition for out-of-state residents or non-U.S. citizens who do not meet Alabama residence requirements is sixty-six dollars ($66.00) per quarter hour.

HOUSING

Dormitory rooms are available through the Housing Office. The cost for a double occupancy room is two-hundred and seventy-five dollars ($275.00) per quarter. A limited number of single occupancy rooms are available at a cost of three hundred and twenty-five dollars ($325.00) per quarter. See schedule for payment due date. A one time only fifty-dollar ($50.00) damage deposit is required from each student, payable upon acceptance of the student as a dormitory resident. Checks are to be made payable to Athens State College.

SCHEDULE OF FEES

Application Fee	$ 30.00
Art Fee	$ 35.00
Teaching Internship	$ 75.00
Music (piano, organ, voice) one l/2-hour lesson	$ 52.25
Special Course Fee (labs, etc.)	$ 35.00
Off Campus Course Fee(excluding Redstone)	$ 25.00 per course
Late Registration Fee	$ 10.00
Drop or Add per course change	$ 5.00
Transcript of Grades (after first request)	$ 3.00
Graduation Fee	$ 40.00
Auditing Fee per hour	$ 15.00
Key Deposit	$ 2.00
Returned Check Fee	$ 15.00
Parking Decal	$ 10.00
I.D. Card (picture)	$ 1.00
Dormitory Deposit	$ 50.00
International Student Deposit	$1,500.00
Diploma Reorder	$ 12.50
Facilities Fee ($15.00 Maximum)	$1.00/Qtr. Hr.

REFUNDS

Refunds are made only after an official withdrawal information form, obtained from the Admissions Office and duly completed, is filed with the Business Office. The date the Business Office receives the official withdrawal form determines the refund period. Refund checks will be written after the close of the

fourth week. Allow two weeks for processing. Students receiving 100% tuition refund will be charged a $5.00 drop fee per course. Lab Fees are non-refundable.

Regular Day/Evening Classes:

Withdrawal Period	Percent Refundable
Prior to beginning of class or during first week of class	100%
During the second week	75%
During the third week	50%
During the fourth week	25%
After close of fourth week	0%

Weekend Class Refund Schedule: (Request Withdrawal Form from Weekend Coordinator)

Prior to beginning of class or at end of first class session (Friday night)	100%
At end of first Saturday morning session	75%
At end of first Saturday afternoon session	50%

After the first weekend session, there will be no refund.

One-Week Courses: (Request Withdrawal Form from Instructor)

Prior to beginning of class or at the end of first session of first class day	100%
At the end of first day	75%
At end of morning session on second day	50%

Thereafter, there will be no refund.

Fees are non-refundable. The percentage of tuition refundable is calculated on the net amount after the non-refundable portion has been deducted.

Dormitory room costs are prorated weekly. Any part of a week shall constitute a full week. In unusual circumstances such as illness or official government orders, students may petition the Dean of Student Affairs for special consideration.

Examples of refunds are available upon written request to the Financial Aid Office.

RETURNED CHECKS

Students whose checks fail to clear their bank accounts, for whatever reason, including "Insufficient Funds," "Account Closed" or "Payment Stopped," must pay a $15.00 returned check fee. If the check in question is for payment of tuition, an additional $10.00 late fee will be charged. All checks not cleared are forwarded to the Limestone County District Attorney for collection.

SCHOLARSHIPS

Academic, leadership, and Foundation scholarships are available at Athens State College (see page 13). Please check with the Athens State College Student Financial Services Office for information on criteria and how to apply.

GRADES/TRANSCRIPTS WITHHELD

A student failing to meet his or her financial obligations to the college may have his or her quarterly grade report, transcript and all other academic transactions withheld until such obligations are cleared through the Business Office. Such obligations include unpaid fees, overdue library books, damaged or unreturned college equipment, dormitory damage, unpaid student loans, and parking fees. A student may be withdrawn from classes and not permitted to register until financial obligations have been cleared.

FINANCIAL AID

The Student Financial Services Office has two major objectives:

1. To supplement the efforts of the student and parents of the student in meeting educational costs.
2. To provide financial aid to students who would be unable to attend this institution without such assistance.

Athens State College provides this aid through various Federal, State, and private sources.

The Student Financial Services Office of Athens State College is located in the Sandridge Student Center, Second Floor, Room 210. Phone: 1-800-522-0272, ext. 170 or 233-8170.

HOW TO APPLY

The first step in applying for aid at Athens State is to submit an application for Federal Student Aid to the Federal Student Aid Programs, P.O. Box 4032, Iowa City, IA 52243 or one of the approved processors. Athens State College does not require the supplemental application for state or institutional aid.

The deadline for applications to the Federal Processor for the 1994-95 academic year is May 1, 1995. Please see the Federal Application Form for the exact date. **THE STUDENT MUST REAPPLY FOR AID EACH YEAR.** This application and resulting analysis is the basis for all federally funded student aid programs and for all need-based programs at Athens State College.

The Student will receive a Student Aid Report (SAR) from the processor. All parts of the SAR should be submitted to the Student Financial Services Office for determination of aid awards. The student is responsible for delivering this documentation to the Student Financial Services Office. Appointments may be made to avoid long waiting periods. WE DO NOT RECOMMEND MAILING THESE DOCUMENTS TO OUR OFFICE.

In addition to the SAR, each student must have every prior institution attended submit to the Student Financial Services Office a Student Financial Aid Transcript (FAT), whether the student received aid at prior institutions or not. This transcript must be requested by the student from the prior institution's Financial Aid Office. Aid will not be issued to the student until this transcript is on file in the Student Financial Services Office.

Some applications are selected by the Federal government for a process of verification. If your application is selected you will have to submit a verification worksheet and its required documentation to qualify for financial aid.

A "cost of education" will be determined for each student based on their status as either an Independent Student, or a Dependent Student, and their living arrangements.

In determining need the College will deduct the expected Family Contribution as indicated on the SAR from the Cost of Education. After the need has been computed, the Pell Grant award, if any, will be calculated to determine any remaining need the student may have. Any other resources available to the Student such as VA benefits, Vocational Rehabilitation Benefits, and private Scholarship Funds will also be considered in determining remaining need. Remaining need may be met in a variety of ways. The Student Financial Services Office will determine the precise method on the basis of available funds of the school and the student. Some of the funds generally available are SEOG, Alabama Assistance Grants, College Work Study, Scholarships and Loan programs. (See specific guidelines in the Aid Programs Section.)

Pell grant payments will be paid quarterly to eligible students who have submitted a valid SAR by the third week of enrollment. Aid approved by the Student Financial Services Office will automatically be applied on the student schedule during the registration process. Any funds remaining for a quarter will be paid directly to the student by check during the sixth week of classes.

REFUND POLICY FOR STUDENTS RECEIVING FEDERAL TITLE IV AID

The following refund policies are required by federal regulation for students with Title IV aid withdrawing from all classes at Athens State College and should not be confused with the school's refund policy for changes in enrollment status.

As required by Federal Regulation, as of July 1, 1993 all students with Title IV Aid due refunds from a total withdrawal from school will have the refund credited to Title IV programs in the following order:

1. Outstanding Balances on Federal Family Education Loan Program
2. Federal Pell Grant Program
3. Federal SEOG Program
4. Any Other Title IV Programs
5. Student

Any first time student at Athens State College will be subject to a pro rata refund as required by Federal Regulation as of July 23, 1992. This pro rata refund will be calculated by current Federal regulations. The Student Financial Services Office can assist any students with questions regarding these refund policies and current Federal Regulations. Examples of refunds are available upon written request to the Financial Aid Office.

FINANCIAL AID PROGRAMS

FEDERAL/STATE PROGRAMS

Federal Pell Grant Program

This program is designed to provide financial assistance to persons at the undergraduate level who need funds to attend a post high school educational institution. The actual size of a grant award will depend upon the family's financial situation, the amount of funds actually available for the program each year and the cost of education. For the Pell Grant program, an undergraduate is one who has not earned a bachelor's or first professional degree. Pell Grants provide a "foundation" of financial aid to which aid from other federal and non-federal sources may be added. All paperwork must be submitted to the Student Financial Services Office by the third week of any quarter of enrollment for payment for that quarter. The final academic year deadline is the third week of the summer quarter.

Federal Supplemental Educational Opportunity Grant

This program has the single purpose of making a college education available to qualified applicants who demonstrate "exceptional financial need." In determining the priority order in which students will be awarded SEOG funds in any given year, federal regulations require the school to give first consideration to those students with exceptional financial need demonstrated by the Pell Grant recipients with the lowest Family Contribution in that year. This program is for students who have not earned a bachelor's degree or first professional degree.

Federal Work-Study Program

This program is designed to help students pay for part or all of their educational expenses by working part-time on campus, in coordination with their class schedule. This program is available on the basis of need as defined by the student's Pell Grant information. All requirements and conditions for employment under the College Work-Study Program are available in the Student Financial Services Office.

Federal Family Education Loan Program

Is an umbrella program consisting of three options. Athens State College participates in only the Stafford Loan Program. Athens State College does not certify loans to students on Academic Probation.

Federal Stafford Loan Program

(GSL) provides students the opportunity to borrow funds for education costs from banking institutions at low interest cost, with the Federal Government paying the interest during the period of at least half-time enrollment.

Alabama Assistance Grant Program

This program is a State/Federal Aid Program designed to provide assistance to residents of the State of Alabama. The program is need based and offers awards based on the Pell need analysis to students with demonstrated "exceptional need."

SCHOLARSHIPS

INSTITUTIONAL SCHOLARSHIP PROGRAM

I. Academic Scholarships-Awarded on outstanding academic achievement, 3.5 grade point average minimum required. Approximately 30 new awards for each academic year. Deadline April 15 for awards in the following academic year.

II. Student Activities Leadership Scholarships--Demonstrated leadership qualities through clubs and organizations at transfer institution, grade point average minimum of 3.0; must participate in activities of Athens State College. Two scholarships awarded in the fall. Contact Coordinator of Student Activities. Deadline April 15.

III. The Dottie and J.J. Donahue SGA President's Scholarship--Awarded to the president of SGA, $100 per quarter for fall, winter and spring quarters.

IV. Athletic Scholarships--Scholarships may be offered in the areas of men's basketball and women's softball to students who demonstrate outstanding athletic ability at a junior or community college. For further information on men's basketball contact Coach Harold Murrell. For information on women's softball contact Coach Larry Keenum.

V. Cheerleader Scholarships--Full tuition and dormitory scholarships are awarded to all Athens State College cheerleaders and mascot. The recipient must have a grade point average of 2.5 and maintain a 2.0 average. Scholarship is renewable each quarter based upon performance and adherence to rules set forth by the Coordinator of Student Activities.

VI. The Athenian Scholarship--Full tuition for three quarters is awarded to the editor of the college newspaper. This scholarship is contingent upon the student's satisfactorily fulfilling the requirements of the position and maintaining a 3.0 GPA. Partial scholarships are available for two assistant editors, contingent upon the student fulfilling the requirements of the position and maintaining a 3.0 Grade Point Average. Applicants must contact the Coordinator of Student Activities.

ATHENS STATE COLLEGE FOUNDATION SCHOLARSHIP PROGRAMS

The Athens College Foundation has available the following scholarships:

Allfrey Scholarship
AmSouth Scholarship
J. E. Beasley, Jr. Scholarship
Edward Burgreen Scholarship
John C. Maund Scholarship
Alabama Boys & Girls Ranch Scholarship (donated by Mayme Pitts)
George B. & Ruby L. Murphy Scholarship
Herman Griffin Memorial Scholarship
Hobbs/Horton Memorial Scholarship
TVOTFC Scholarships
Steelcase Scholarships
A. E. Middlebrooks Scholarship

Daniel Hightower Scholarship
Martin W. Evans Scholarship
Fiber-Lite Scholarship
National Management Association Scholarship
Harry Miller Scholarship
Group DEKKO Scholarship
Compass Bank Scholarship
Smedley South Memorial Scholarship (Toastmasters)
Dick Chittam Realty Scholarship
Harold Smith Scholarship
John D. and Michael Maund Scholarship

For more information on these scholarships please contact the Foundation Office in Brown Hall, Extension 114.

STUDENT RESPONSIBILITIES:

It is the responsibility of the student to:

1. Review and consider all information about a school's program BEFORE you enroll.
2. Pay special attention to your application for student financial aid, complete it accurately, and submit it on time to the right place. Errors can delay or prevent your receiving aid.
3. Know all the deadlines for applying or reapplying for aid and meet them.
4. Provide all documentation, corrections, and/or new information requested by either the Student Financial Services Office or the agency to which you submitted your application.
5. Notify the school of any information that has changed since you applied for financial aid.
6. Read, understand and keep copies of all forms you are asked to sign.
7. Repay any student loans you have. When you sign a promissory note, you are agreeing to repay the loan.
8. Attend an exit interview at your school if you have a Federal Stafford Loan (GSL).
9. Notify your school of a change in your name, address,or attendance status. If you have a loan you must also notify your lender of any changes.
10. Satisfactorily perform the work agreed upon in a Federal Work-Study job, if you have one.
11. Understand your school's refund policy as outlined in this publication.

STUDENT RIGHTS:

The student has the right to ask a school--

1. For the names of its accrediting and licensing organizations.
2. For a copy of the documents describing the institution's accreditation or licensing.
3. About its programs, its instructional, laboratory, and other physical facilities, and its faculty.
4. What the cost of attending is, and what its policy is on refunds to students who drop out.
5. What financial assistance is available, including information on all federal, state, local, private and institutional financial aid programs.
6. Who its financial aid personnel are, where they're located, and how to contact them for information.
7. What the procedures and deadlines are for submitting applications for each available financial aid pro gram.
8. How it selects financial aid recipients.
9. How it determines financial need, including cost of education and resources available.
10. How much of one's need, as determined by the school, had been met.
11. How and when one receives financial aid.
12. To explain each type and amount of assistance in the financial aid package.
13. What the interest rate is on any student loan, the total amount to be repaid, when repayment starts, and what cancellation or deferment provisions apply.
14. If offered a federal work-study job--what kind of job it is , what hours are to be worked, what the duties will be, what the rate of pay will be, and how and when wages will be paid.

15. To reconsider an aid package, if the student believes a mistake has been made, or if enrollment or financial circumstances have changed.
16. How the school determines whether a student is making satisfactory progress, and outcomes of unsatisfactory progress.
17. What special facilities and services are available to persons with disabilities.

SATISFACTORY ACADEMIC PROGRESS

Students must maintain satisfactory academic progress as outlined in the school catalog. A student is considered to be making satisfactory academic progress if he/she has 1) a 2.0 GPA or better, 2) has passed 60% of all attempted coursework, 3) has been on continued academic probation for one quarter only, or 4) is progressing through the required coursework for degree completion at a full-time equivalency of 12 hours per quarter for eight quarters. Any student on final academic probation (see Academic Polices) will have all financial aid suspended until such time as satisfactory academic progress has been attained.

Students who withdraw from more than 40% of the coursework for which they have received federal aid will no longer be eligible for financial aid.

Students may appeal financial aid suspension in writing, clearly stating the reason for the request. The Student Financial Services Committee will review the appeal and the student will be notified, in writing, when a decision has been reached.

Students who lose financial aid must apply for reinstatement of aid when the deficiency has been cleared

IMPORTANT FINANCIAL AID TERMS

An Independent Student--at least 24 years of age by December 31 of award year; a veteran of the U.S. Armed Forces; an orphan or ward of the court; has legal dependents other than a spouse; a married student; a graduate or professional student. Students meeting one of these conditions will be classified as an independent. Proof of independence, such as tax returns of student, spouse, spouse and parents; military discharge papers, marriage certificates may be required by the college.

A Dormitory Student-- Will reside in campus housing for the award period.

A Dependent Student--All other students will be considered dependent. Generally these are traditional college-age students residing with their parents.

COST OF EDUCATION

The cost of education for a full-time student at Athens State College in 1994-95 is estimated to be:

Estimated Budget

	DEPENDENT	INDEPENDENT	DORMITORY
Tuition/Fees	$1,833	$1,833	$1,833
Books	450	450	450
Personal	970	970	970
Room and Board	$2,515	$4,765	$2,440
Transportation	915	$ 886	565
Total In State	**$6,683**	**$8,904**	**$6,258**
Out of State Fees	$1,683	$1,683	$1,683
Total Out of State	**$8,366**	**10,587**	**$7,941**

These figures are based on seventeen hours per quarter ($33/quarter hour), one lab fee per quarter ($35/lab) and three quarters attendance. Student budgets will change with any changes in cost of credit hours or fees.

STUDENT AFFAIRS

Athens State College students are strongly encouraged to participate in campus extracurricular activities and to utilize the services provided by the College. Additional detailed information concerning these activities and services, the rules and regulations relative to student conduct, and student rights and responsibilities is found in the Student Handbook section of this catalog.

Student Government Association

All members of the student body belong to the Student Government Association. Officers and organizational representatives are elected annually. The college organizational structure provides for and encourages democratic student involvement in the affairs of the College.

The Student Government Association meets at regular intervals and the meetings are open to all students who wish to observe the proceedings. Every student should feel at liberty to make suggestions to the Student Government Association, to any committee, or to any officer of the college administration.

CLUBS AND ORGANIZATIONS

African-American History Association

The African-American History Association is an organization to increase awareness of African-American contributions to the development of our country by providing the Athens State College community with a social, morai, intellectual and cultural agenda of African-American history and life. The organization was chartered in 1984, as the Athens State Black History Association, and has been a pioneer in the Athens and Limestone County area in observing the National program theme and practices. Membership is open to all administrators, faculty, staff and students of Athens State College. For more information, please contact Ms. Margaret Oliver, Advisor, at extension 129.

The Athenian

The Athenian is the campus newspaper. There are scholarships available for the assistants and editor positions. Please feel free to submit articles to the paper for publication. Check the Athenian Office for deadline dates and office hours.

The Athenians

The Athenians is the official name of students who serve as hosts and hostesses for the college. For more information call 227 or 243.

Association of Justice Studies Club

Lambda Alpha Epsilon is a student organization for justice studies majors and minors. For information contact Dr. Tim Jones, Advisor, at extension 293.

Baptist Campus Ministries

Baptist Campus Ministries is open to anyone interested in spiritual growth, Bible study, prayer and Christian fellowship. Dr. Tim Jones, Advisor, may be contacted at extension 293. For more information contact club sponsor Beth Brunson, Morgan County Baptist Association, Post Office Box 876, Hartselle, Alabama 35640.

Bear Paw Spirit Club

This club's purpose is to promote unified and organized school spirit through support of the Athens State College basketball team. Membership is open to all Athens State College students.

Biology Club

The purpose of this organization is to advance academic and research interest in biological sciences and to enrich the biology program at Athens State College. Students developing a major or minor in Biology are eligible for membership.

Campus Recreation and Intramurals

This area is open to all students, faculty, and staff. This organization offers a variety of activities to meet the needs and interests of these groups. If you are interested in participating in these activities, or if you would like to learn more about what ASC intramurals has to offer, please contact Ms. Judy Stinnett at extension 277.

Centurions

Centurions is open to all students, faculty, and staff. This organization assists persons with disabilities to gain access in every way and to the extent permitted by law to all facilities and opportunities at Athens State College. Please contact Ann Tidwell, Advisor, extension 180, for further information.

Chi Beta Phi

Students with acceptable grades and a major or minor in one of the sciences may belong to this national honorary science fraternity.

College Singers

The College Singers are people with musical interests. For more information, contact Mr. Tom Warnock, Advisor, First Baptist Church, Athens, Al 35611.

Delta Mu Delta

Delta Mu Delta is an honor society for accounting, management, human resources management, and management of technology majors. Please contact Dr. Linda Shonesy, faculty advisor, at extension 174 for more information.

Institute for Management Accountants

Student Membership:

Student membership in the Institute of Management Accountants has a three-fold purpose:

1. to introduce management accounting to students planning careers in business,
2. to strengthen the knowledge and commitment of those already on the way to management accounting careers, and
3. to demonstrate how IMA members work together to improve the science of management accounting.

IMA membership provides opportunities for students to associate with practicing management accountants; to see how they live, work, and apply their knowledge; and to learn that professionals are seriously devoted to their field and to high ethical standards.

Requirements for Admission:

To qualify for student membership, one must be a regularly enrolled business student carrying at least 10 quarter hours of credit. The Association requires an application in writing, on a prescribed form, endorsed by a faculty member or the Registrar. Applications may be obtained at the School of Business Office located in Founders Hall.

Kappa Delta Pi

Kappa Delta Pi is a national education honor society. Students are eligible for consideration when they have accumulated enough credit hours to reach senior status. Students are selected by a committee which evaluates them for outstanding academic achievement, scholarly ideals, and professional promise. Dr. Joe Brasher, extension 260, and Dr. Liz Hall, extension 261 are advisors and may be contacted for further information.

MACS

The mathematics and computer science (MACS) club is designed to enhance the undergraduate program through visiting lectures, field trips, and student recognition. Open to all majoring or minoring in mathematics or computer science.

Ministerial Association

Students entering church-related work are eligible for membership in this organization.

Phi Alpha Theta

Phi Alpha Theta is an international honor society in history. Membership is open to students, professors and alumni who have achieved excellence in history. The Alpha Beta Lambda chapter was established at Athens State College in 1984.

Physical Education Club

The purpose of this organization is to develop leadership, scholarship and professional awareness in students majoring or minoring in Physical Education at Athens State College. Dr. Angie Nazaretian, advisor, may be contacted at extensions 275 or 278.

Pi Tau Chi

A national honorary religious society. Membership is by invitation for outstanding service in religious activities. Requirements for membership are 2.0 GPA, leadership in home, church or community, and participation in activities on campus.

Psi Chi

Psi Chi is a national psychology honor society. Membership is open to students, professors, and alumni who have achieved excellence in psychology. Psi Chi was established at Athens State College in 1985. Dr. Frazier Douglass, advisor, may be contacted at extension 230.

Psychology Club

The Psychology Club, composed of students majoring or minoring in Psychology or the Behavioral Sciences, has as its major objective the advancement of Psychology as a science and the enrichment of the Behavioral Science program at Athens State College. The Psychology Club has been instrumental in facilitating certain curriculum changes such as the introduction of a course in biofeedback and in securing experimental laboratory equipment. The Club maintains an updated graduate catalog file and assists in a variety of departmental research projects.

The Psychology Club's academic functions are balanced by sponsoring and promoting numerous campus activities, most of which are designed to stimulate student involvement and to provide interaction among students, faculty, and administration.

Sigma Tau Delta

The English honor society is a member of the National Association of College Honor Societies and is open to English majors and minors and to published writers. The organization sponsors an annual campus-wide writing contest. The Kappa Zeta chapter was founded here in 1954. Campus sponsors are Dr. Penne Laubenthal (extension 299), or Ms. Jenita Smith (extension 502).

The Society of Physics Students (SPS)

The Society of Physics Students is a professional physics association explicitly designed for students. Membership is open to any students interested in physics. The Society promotes interest in physics through lectures, discussions, and field trips.

SOCIAL FRATERNITIES

One national women's social fraternity, Phi Mu, and one national men's fraternity, Tau Kappa Epsilon, have chapters on the Athens State College campus. Contact the Office of Student Activities (extension 227) for further information.

PUBLICATIONS

The Athenian, the college newspaper, provides an opportunity for students to develop in the field of journalism and to express themselves on campus issues.

The Gyre is an annual student publication which gives the student an outlet for creative writing. All stories, poems, and plays are student written.

The Athens State College Alumni Bulletin keeps the active alumni, their families and friends informed about the institution and the association.

ATHLETICS, INTRAMURALS, AND CAMPUS RECREATION

Intercollegiate Athletics

Athens State College is a member of the National Association of Intercollegiate Athletics (District 27). Athens State College has an Intercollegiate women's softball team and men's basketball team.

Intramural Program

The intramural program is designed to provide athletic competition among Athens State College students. This program includes football, volleyball, basketball, tennis, golf, ping pong, softball and weight training.

Campus Recreation Program

Excellent on-campus recreational facilities are available for use by students, their immediate families, and citizens of the Athens community. These facilities include the gymnasium, swimming pool, and weight rooms.

COUNSELING AND CAREER SERVICES

Counseling and Career Services is located in Suite 230, second floor of the Sandridge Student Center and includes: Counseling, Career Services, Cooperative Education, Services for Students with Disabilities, Admissions Counseling/Recruitment, International Students Advisement, Testing, and Veteran's Advisement. Appointments may be made by calling 233-8124, 233-8180, or 233-8285 between 8:00 a.m. and 4:30 p.m., Monday through Friday.

Counseling

The goal of counseling is to assist students, as unique individuals, to cope with personal, social, career and educational issues as they pursue their academic goal.

Counseling is provided through one-on-one counseling interviews, using assessment tests when appropriate to promote self understanding and self management. All counseling services are confidential.

Career Counseling is provided to assist students with the following: deciding upon and selecting a major field of study; measuring interests, abilities and values through assessment instruments in relation to selecting a career goal; and, providing job search information and resources related to making the transition from college to full-time professional employment. Resources available include a career library, graduate school information, and the State Occupational Information Coordinating Committee (SOICC) database.

Career Services

Career Services includes an information center which emphasizes job search skill development and promotes employment opportunities for currently enrolled students and alumni. It is the aim of the Career Services Office to assist the student in making sound career choices and at the same time provide employers with well-qualified employees. Career Services is intended to support the student's job search. Career Services provides information on employers and employment opportunities, resource materials, individual appointments, interview opportunities and seminars on job search topics and techniques. Career Services does not function as a placement agency, and cannot guarantee employment. The job search is ultimately the candidate's responsibility. Students are encouraged to use the Career Services available to maximize employment opportunities upon graduation.

*Job Location and Development is a program referring currently enrolled students to part-time job positions available in North Alabama. Two Job Bulletin Boards, which are updated weekly, are located outside the Career Services Office near the Bear Cage (second floor of the Student Center) and in Chasteen Hall.

*Professional Referral Services will establish a credentials file for each graduate, and refer candidates to employers who make requests for qualified candidates. A credentials file consists of a registration form, an authorization form and five copies of a resume. Education majors are additionally required to submit a transcript and three recommendations. Students are encouraged to register in Career Services at least six months before graduation. A quarterly newsletter is sent to all registrants to keep them informed of career opportunities and resources.

*Job Search Assistance is also available on an individual basis by appointment. Seminars on resume writing, interview skills, and job search skill development are offered quarterly.

*Information on graduate school programs is available through the Career Services Office. Graduate school information days are scheduled each year.

*Students and alumni are invited to participate in the North Alabama College Placement Employment Day scheduled in Huntsville each February.

Cooperative Education

The Cooperative Education Program is designed to give students the opportunity to integrate their classroom study with practical experience in their major field. Both alternating and parallel plans are available.

A combination of Cooperative Education credit hours earned in CP 300-306, CP 401-402, or CP 410A-L will not exceed twelve quarter hours.

Parallel/Alternating/Special Arranged Plans

The Parallel Plan is a series of courses in which students are engaged in a work situation directly related to their academic major and college courses concurrently. The parallel plan requires that the student work part-time while attending college classes full time. (Two quarter hours of elective credit are earned for the parallel plan.)

The Alternating Plan is a series of courses in which students are engaged in full time study for one quarter, then switch to full time employment directly related to their academic major for the following quarter. (Three quarter hours of elective credit are earned for the alternating plan.)

The Special Arranged Plan allows the student who does not qualify under the guidelines for Parallel/Alternating Plans to work and attend classes in the cooperative education setting and is approved on a quarter-by-quarter basis. (One quarter hour of elective credit is earned for the special arranged plan.)

Eligibility: All students who have chosen a major field of study and completed at least ten quarter hours are eligible provided they meet the following criteria:

1. Student must be in good standing and must have and maintain an overall GPA of 2.5.
2. Student must intend to fulfill the requirements of the Co-Op Program and be a prospective candidate for graduation at Athens State College.

Application: Students should apply as soon as they are considered as a degree-seeking student by the college and enrolled in a minimum of 10 quarter hours.

Procedure:

1. Complete a "Cooperative Education Application" and a Standard Form 171, (if you wish to be considered for federal government positions), from the Cooperative Education Office.
2. Provide a copy of your latest college transcript and a current resume.
3. Arrange for a preliminary interview with a member of the Cooperative Education staff to discuss career goals and preferred work assignments.
4. The Cooperative Education Office will nominate qualified students to employers based on employer requests and requirements.

Grading: A grade of pass or fail will be based on a combined employer/instructor evaluation of the student's acquired knowledge and skills and on report(s) submitted by the student.

International Students

The International Student Advisor's Office assists the international student in transferring to Athens State College. Services include interpretation of governmental regulations and institutional requirements.

Services for Students With Disabilities

Athens State College fully supports and complies with the Americans With Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973. The staff and faculty endeavor to provide students an opportunity for success with as few deterrents as possible, strive to create a welcoming environment, and will work in good faith to meet the needs of all populations. Counseling and Career Services provides individual assistance for students with disabilities: priority registration, counseling, auxiliary equipment, assistance locating note takers and readers, classroom accommodations, and liaison with faculty, Admissions, Financial Aid, Housing, and community resources.

Students with disabilities are encouraged to visit campus prior to enrollment to discuss any needs which they may have. Appointments may be made by calling 233-8285; TDD: 205-233-1127. The office is located in Room 230 on the second floor of the Sandridge Student Center and is open Monday - Friday, 8:00 a.m. to 4:30 p.m.

The 504/ADA Coordinator is Maureen J. Chemsak, Director of Counseling and Career Services.

Admissions Counseling

Entering students may obtain advisement through an admissions counselor. The counselor can provide information to assist students in understanding registration procedures, academic requirements, degree programs, and to become familiar with the campus and its facilities. Appointments are recommended (233-8124).

Testing

Athens State College offers certain testing programs for the convenience of Athens State College students and the community. Information pertaining to these programs can be obtained in the Special Services Office located in Counseling and Career Services, Suite 230, second floor of the Sandridge Student Center. Testing services offered by Athens State College include:

1. National Teacher's Examination (NTE)
2. Basic Skills Test (BST)
3. Collegiate Assessment of Academic Proficiency (CAAP)
4. College Level Examinations Program (CLEP)
5. Miller Analogies Test (MAT)
6. Defense Activity for Non-Traditional Educational Support (DANTES)
7. Supplemental site for Graduate Record Examination (GRE) and Graduate Management Admissions Test (GMAT)

Veterans' Advisement

The Veterans Educational Assistance Program at Athens State College is based on the rules, regulations, policies and procedures of the Veterans Administration and as such is subject to change without notice. Current information concerning pay scales and other educational benefits is available in the Office of Veterans Affairs, second floor of the Sandridge Student Center, 233-8124.

Veterans Assistance Programs:

Eligibility (Montgomery G.I. Bill - Chapter 30)

Individuals entering military service on or after July 1, 1985, have their basic military pay reduced by $100 a month for the first 12 months of their service, in order to be eligible for this educational assistance program. Individuals eligible for the Old G.I. Bill (Chapter 34) as of December 31, 1989, who meet certain eligibility criteria may also be eligible but do not have their basic pay reduced.

Unlike most other VA educational assistance programs, in order to be eligible for Chapter 30, the veteran must have been released from active duty with the character of discharge specifically listed as "Honorable." Persons on active duty must have served a minimum of two years continuous active duty before becoming eligible to receive benefits under Chapter 30. Additional information about this program can be obtained from the Office of Veterans Affairs.

Application If benefits have never been received previously, the student must complete VA Form 22-1990 (Application for Education Benefits). A certified copy of the DD 214 must be submitted along with the application. If benefits have been received previously at another institution or if benefits have been used in another program, the student must complete VA Form 22-1995. All necessary forms are available in the Office of Veterans Affairs.

Eligibility (Montgomery G.I. Bill - Chapter 106 - Selected Reserve)

This program provides benefits for members of the Selected Reserve and National Guard who enlisted, reenlisted, or extended their enlistment for a period of six years after July 1, 1985.

Application If benefits have never been received previously, the student must complete VA Form 22-1990. A copy of the DD Form 2384 (Notice of Basic Eligibility) must be submitted along with the application. If benefits have been received previously at another institution, the student must complete VA Form 22-1995. All necessary forms are available in the Office of Veterans Affairs.

Eligibility (Chapter 35 - Dependents Education Assistance Program)

The Dependents Educational Assistance Program provides for the education of dependents of veterans who were either killed or permanently disabled while in the service, and persons termed missing in action or forcibly detained. Payments of up to $404 a month for a maximum of forty-five months are usually provided for children between the ages of eighteen and twenty-six. Marriage does not interfere with this benefit.

The Alabama Department of Veterans Affairs offers financial assistance to eligible dependents (child, stepchild, spouse or unremarried widow(er) of disabled veterans (living or deceased) who were permanent civilian residents of Alabama prior to entry into military service. Special consideration is given to permanently and totally disabled veterans who are bona fide residents or were prior to their death. Other qualifying veterans' categories are former prisoners of war (POW), declared missing in action (MIA) and those who died in service.

Maximum educational benefits include free tuition, required textbooks and lab fees for four standard academic years or a prescribed technical course at any state-supported junior or community college, university or technical school.

Dependent children must file an application prior to age 26 (may be extended to age 30 in certain cases). A spouse or widow(er) does not have a filing deadline or age limitation.

For more information and application procedures, contact your nearest Veterans Affairs Office located in each county or you may write to the Alabama G.I. Dependents' Scholarship Program, P. O. Box 1509, Montgomery, AL 36102-1509.

Paperwork for state benefits (tuition, fees, books) should be processed through the Office Student Financial Services. Paperwork for federal benefits (monthly checks) should be processed through the Office of Veterans Affairs.

Post-Vietnam Veterans (VEAP) Educational Assistance Program

The Post-Vietnam Veterans Educational Assistance Act is basically a voluntary, contributory matching program for persons entering the service after December 31, 1976. Benefits are accumulated from the participant (service person) and matching funds from the VA at the rate of $2.00 for every $1.00 contributed by the participant. The participant's contribution is limited to the range of $50 - $75 monthly up to a maximum of $2,700. The basic cut-off date is ten years after the last date discharged from active duty after January 1, 1977. Entitlement is limited to a maximum of thirty-six months or the number of months of participation, whichever is less.

Application - Forms are available in the Office of Veterans Affairs.

Eligibility Chapter 31 (Vocational Rehabilitation)

This program provides educational assistance to disabled veterans who are in need of vocational rehabilitation. To be eligible a veteran must have a service-connected disability entitling him/her to these benefits. An award authorization must be received by the Office of Veterans Affairs before benefits can be used.

Selection of Program

In consultation with an admissions counselor or an academic advisor, each veteran student must select and plan a program in accordance with the Athens State College catalog. Assistance in determining a course of study or a change of program will be furnished by the Office of Veterans Affairs with concurrence of academic advisor.

Course Load

A full-time course load for a student receiving veterans' benefits is twelve quarter hours or more; a three-quarter time load is nine quarter hours, a one-half time load is six quarter hours. Less than six quarter hours is considered less than one-half time.

Current VA regulations apply for all short term courses which do not satisfy the minimum amount of contact hours per week, regardless of the amount of credit hours earned for such courses. For complete information regarding "short term courses" contact the Office of Veterans Affairs.

If a veteran fails a required course, he/she may repeat that course with pay. However, he/she cannot repeat a course just to improve a grade and receive payment through the Veterans Administration.

Standards of Progress

The following standards must be met in order for veterans or other eligible persons to receive VA benefits:

1. grading system as required by the academic standards of the school,
2. satisfactory grade level as required by the academic standards of the school,
3. probation and probationary periods as required by the academic standards of the school,
4. conditions for dismissal, suspension, and readmission as required by the academic standards of the school, and,
5. satisfactory student conduct as required by the rules and regulations of the school.

The student who receives VA benefits will have his or her pay suspended should he or she make the grades of "F" or "I" preventing completion of his or her program within the required time limit. Reports of unsatisfactory progress or conduct will be made to the Veterans Administration Regional Office and the student may require counseling.

Withdrawal Policy

Students who receive veterans benefits must notify the Office of Veterans Affairs when dropping or adding a course or when withdrawing from school. Each withdrawal or drop resulting in a reduction in the course load must show (1) the effective date of the change, (2) the reason for the change, and (3) the

grade level at the time of the change if after the drop and add period. The withdrawal policies of the school also apply.

Veteran Payments and Responsibilities

Receipt of Checks A student who completes an application at the beginning of the quarter should expect a VA processing period of about six weeks. If the estimated time has elapsed and a check has not arrived, the student should contact the Office of Veterans Affairs immediately and, if the case warrants, an inquiry will be made to the Regional Office.

Payment Since Athens State College does not participate in the advance payment plan for veterans, tuition and fees must be paid in full by the published payment date (except for those veterans receiving Vocational Rehabilitation). Veterans receiving Vocational Rehabilitation are eligible to register without payment of tuition and fees providing that an award authorization letter has been received prior to the registration period.

Overpayments Each veteran drawing benefits should be aware that it is his or her responsibility to comply strictly with the policies and procedures which govern the receipt of educational benefits. Any overpayment created through non-compliance with veterans policies is subject to repayment, and such overpayment can cause a delay in the payment of further benefits.

Responsibilities It is the responsibility of the veteran and dependents receiving VA benefits to notify the Office of Veterans Affairs of the following:

1. Major change
2. Prospective graduation date
3. Changes (Drop and/or adds, credit level, major or dependency status)
4. Every quarter during registration, complete an Athens State College Veterans Registration Information Form and turn it in to the Office of Veterans Affairs.

Other Types of Veteran Assistance

Work Study Program To be eligible for work-study, a veteran must be enrolled at least three/fourth time in a course of education under Chapters 30, 31, 32, 35, and 106. Preference is given to disabled veterans. Attempts are made to capitalize on the student's major area of study so that the work performed will be a practical extension of his or her education. Veterans may work up to a maximum of 250 hours per enrollment term. Payment for the work performed is at the prevailing minimum hourly wage rate in addition to the usual subsistence allotment. An advance equal to the first fifty hours work is available as soon as the employment agreement is processed. After the initial fifty hours, the VA pays the work-study student for each additional fifty hours of work.

Tutorial Assistance Program Veterans enrolled on a half-time or greater basis may receive a special allowance for individual tutoring. To qualify, the veteran must demonstrate deficiency in a subject making tutoring necessary. Each tutor's qualifications must be reviewed and approved by the Office of Veterans Affairs.

ACADEMIC AFFAIRS

DEGREE OPTIONS

Athens State College offers four baccalaureate degree options: the Bachelor of Arts degree, the Bachelor of Business Administration degree, the Bachelor of Science degree, and the Bachelor of Science in Education degree. Each baccalaureate degree has been examined and accredited by the Southern Association of Colleges and Schools.

Some General Education Requirements may carry specific course requirements. Students should refer to their major section of the catalog for specific information.

Bachelor of Arts

The degree of Bachelor of Arts is awarded to students who satisfactorily complete the following general education requirements, requirements for the major and minor in their program of study and applicable general college requirements (page 26).

English Composition	10 quarter hours
Literature	10 quarter hours
History	10 quarter hours
Humanities Electives (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy)	15 quarter hours
Social Science Electives	5 quarter hours
Behavioral Science Electives	10 quarter hours
Natural Science (May include one approved Computer Science Elective)	15 quarter hours
Mathematics	5 quarter hours

Bachelor of Business Administration

The degree of Bachelor of Business Administration is awarded to students who satisfactorily complete the following general education requirements, requirements for the major (and minor, if applicable) in their program of study, and applicable general college requirements (page 26).

English Composition	10 quarter hours
Humanities (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy)	20 quarter hours
Social Science (Must be in the area of Economics to include EC310 or Principles of Economics I	10 quarter hours
Behavioral Science	10 quarter hours
Natural Science	10 quarter hours
Computer Science (Must be a windows business applications course)	5 quarter hours
Mathematics (College Algebra or equivalent)	5 quarter hours

Bachelor of Science

The degree of Bachelor of Science is awarded to students who satisfactorily complete the following general education requirements, requirements for the major (and minor, if applicable) in their program of study, and applicable general college requirements (page 26).

English Composition	10 quarter hours
Humanities Electives (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy)	20 quarter hours
Social Science Electives	10 quarter hours
Behavioral Science Electives	10 quarter hours

Natural Science (May include one approved Computer Science elective) 15 quarter hours
Mathematics 5 quarter hours
(The 20 quarter hours in natural science and mathematics are superseded by specific course requirements for all students majoring in a science or technology.)

Bachelor of Science in Education

The degree of Bachelor of Science in Education is awarded to students who satisfactorily complete the general education requirements, professional education requirements, requirements for the major(s) in their program of study, and applicable general college requirements (p.26).

The student is referred to the School of Education section of the Catalog to determine specific program requirements. General college requirements are listed below.

GENERAL COLLEGE REQUIREMENTS

A student expecting to receive a degree from Athens State College should apply for graduation not later than the registration period of the term in which he or she expects to graduate. A student must meet satisfactorily all college requirements and financial obligations before the degree is awarded.

To graduate, each student must meet the following general college requirements:

1. Forty-five of the last fifty-four quarter hours of study with Athens State College.
2. A minimum of fifteen quarter hours on the Athens State College main campus.
3. Sixty-three quarter hours of 300/400 level college credit.
4. A minimum of twenty quarter hours of upper (300/400) level coursework in his or her major at Athens State College, not including courses taken by consortium arrangement. School or departmental regulations may require more than twenty quarter hours of coursework in the major at Athens State College.
5. A minimum of ninety-six quarter hours of senior college credit.
6. All course requirements for major(s).
7. All course requirements for minor (if applicable).
8. General Education requirements for the degree.
9. An overall grade point average of 2.0, a 2.0 on all coursework attempted at Athens State and at least a 2.0 in the major field. School or departmental regulations may require more than a 2.0 grade point average (see major requirements in each discipline).
10. A total of 192 quarter hours including all the above.
11. The teacher certification requirements (if applicable).
12. No more than ninety-six quarter hours of non-graded college credit applicable toward the degree.

ACADEMIC POLICIES AND PROCEDURES

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

ACADEMIC ADVISING

Upon admission to Athens State College, each student is assigned a faculty member to serve as an advisor by the appropriate school. The student should confer with his or her advisor at least once each quarter. Students will be given a "Statement of Student Responsibility." Although the student bears final individual responsibility for meeting all degree requirements, the academic advisor will assist in planning the student's academic program. A change of major or adjustments to program of study require completion of a Petition for Adjustment of Curriculum.

ACADEMIC CREDIT

The Athens State College calendar consists of quarter-length terms; the unit of credit is the quarter hour. Course descriptions indicate the number of quarter hours which may be earned for a particular course. Transfer credits earned in semester hours will be evaluated on the basis that one semester hour equals one and one-half quarter hours. (Example: a three semester hour course would equal 4.5 quarter hours.) See Transfer Credit Restrictions, page 28.

Correspondence Credit

Any extension or correspondence credit must be from a regionally accredited college or university, and may not exceed eighteen quarter hours. The student must petition through his or her advisor and in turn obtain permission from the Dean for Academic Affairs for credit through extension or correspondence courses.

Business and Proprietary Schools

Students who have completed a program from a regionally accredited business or proprietary school may be granted up to sixty-five quarter hours for their training. During the admissions process, each student's previous work will be reviewed to ascertain the entry study level of the student. Individual related subject courses and grades cannot be directly transcripted as regulated by the State Board of Education and the Southern Association of Colleges and Schools. However, certain courses may be used as substitutions or waivers for a specific course in the Athens State College degree program but will not affect the total hours residency required for that degree program. Credit earned through this method will not be used in determining the student's cumulative grade point average.

Continuing Education Units.

Athens State College does not accept continuing education units (CEU's) for academic credit.

College Level Examination Program (CLEP)

Athens State College honors credit earned through the College Level Examination Program (CLEP), provided appropriate scores are achieved. Students enrolling or enrolled at Athens State who are interested in attempting the College Level Examinations should consult the Testing Office or the Admissions Office in the Student Center for information.

A student may not receive CLEP credit for any previously attempted college course. Since CLEP is accepted as non-graded credit, it cannot be used in order to raise the grade point average.All CLEP examinations are accepted as freshman-level credit. Although credit may be awarded by the college, applicability toward the degree program is determined by the school concerned.

Credit earned under the Defense Activity for Non-Traditional Education Support (DANTES), and the United States Armed Forces Institute (USAFI) may be granted by Athens State College. Official transcripts of these scores must be mailed directly to the Office of Admissions.

Non-Traditional Credit

Non-traditional academic credit at Athens State College is based upon the belief that it is sound educational practice for colleges and universities to recognize and award academic credit for several types

of non-classroom-based learning. Such learning may have been acquired through quality educational programs conducted by various non-collegiate organizations, acceptable work experience, and certain combinations thereof. For complete information regarding acceptance of non-traditional credit see page 35, Non-Traditional Academic Credit

Transfer Credit Restrictions

After achieving junior status or ninety-six quarter hours, a student may not transfer credit for courses taken at a junior college except by prior written permission from the Dean of Academic Affairs. A student's overall grade point average must be 2.0 or higher (transfer and ASC credits).

Transfer students who have completed a major before enrolling at Athens State College may be required to take selected courses for the major at this institution.

Course credit taken at the graduate level or applied toward a graduate degree will not be accepted at Athens State College or recorded on the Athens State College transcript. However, certain courses may be used as substitutions or waivers for a specific course in the Athens State College degree program but will not affect the total hours residency required for that degree program.

Transient Credit

Any student in good standing who desires to take a course at another college and transfer credit to Athens State College must first petition to do so through his or her advisor. A letter of permission must be obtained from the Admissions Office. The total number of hours taken cannot exceed the maximum allowed in a term at Athens State College. Special permission must be obtained from the Dean for Academic Affairs to return to a junior college.

Students on probation are ineligible to enroll for transient credit at other institutions and courses taken elsewhere will not be accepted.

Transcripts of transient work to be applied toward meeting graduation requirements must be received by the ASC Admissions Office within the next quarter after credit is earned, and at least ten weeks prior to the date of graduation.

ACADEMIC HONESTY

Athens State College, like all communities, can function effectively only when its members treat one another with honesty, fairness, respect, and trust. It is the policy of Athens State College to take whatever reasonable actions are required to uphold the standards outlined in the *Honor Code* (see *Honor Code*, Student Handbook section of this Catalog.)

ACADEMIC HONORS AND AWARDS

Honors Convocation

A special honors convocation will be held in the spring quarter at which time students with outstanding academic achievements are recognized. To be eligible for nomination for special convocation recognition students must have thirty quarter hours credit in residence on record at Athens State College. All students in a given academic year are eligible for consideration.

Dean's List

The Dean's List is published each quarter and includes the names of students who have attained a 3.75 through 4.0 grade point average on at least fifteen quarter hours of course work for a specific term.

Honorable Mention List

The Honorable Mention List is published each quarter and includes the names of the students who have attained a 3.5 through 3.74 grade point average on at least fifteen quarter hours of course work for a specific term.

Degrees With Distinction

The following degrees with distinction are based on all college work:

Summa Cum Laude - Awarded to the student who earns a grade point average of 3.9 during his or her college career.

Magna Cum Laude - Awarded to the student who earns a grade point average of 3.75 during his or her college career.

Cum Laude - Awarded to the student who earns a grade point average of 3.5 during his or her college career.

To be eligible for honors, one-half of the total hours applied toward the degree must be regular academic course credit.

ACADEMIC RECORD, PERMANENT

The student's permanent academic record will consist of an Athens State College transcript, and may include the following: admission application, official transcripts from colleges and universities previously attended, graduation application, degree audit forms, transcript release forms, documentation which may affect the release of student's records and only disciplinary action that would directly affect the student's enrollment in the institution. Financial records are not considered part of the student's permanent academic record.

ADJUSTMENT OF CURRICULUM

The following adjustments of a student's curriculum necessitate completion of a Petition for Adjustment of Curriculum form in consultation with the student's academic advisor:

1. change to a more recent catalog
2. change of major/minor
3. change of degree
4. substitution for required course
5. waiver of required course

AUDITED COURSES

Upon recommendation of his or her advisor, a student may audit a non-laboratory course. Students should attend class under the same obligation as the credit student although they are not required to complete scheduled examinations. Standard registration procedures apply. The cost is one-half the regular tuition cost plus the appropriate fees. No change from audit to credit is allowed. Audited classes are on a space available basis. (See pg. 7 also.)

CATALOG REQUIREMENT

A student may complete requirements for graduation as specified in the Athens State College catalog for the year of entry provided he or she does so within a period of five years from the original date of entry. In the event that a student does not complete requirements for the undergraduate degree within a period of five years from the date of entry, the College reserves the right to modify the student's program in such a way as to bring it into harmony with current degree requirements, as well as to re-evaluate credits transferred from other institutions.

CLASS ATTENDANCE

It is accepted academic philosophy that sustained class attendance is essential to the overall educational value of a course of study in higher education. In order to achieve maximum benefit from educational activities, Athens State College expects regular class attendance from all students. Those students receiving veterans' benefits are required to attend classes according to the regulations of the Veterans Administration.

The standards of performance to be met by each student, including specific attendance regulations for each course, will be set by each faculty member for his or her own course. Class attendance policies

and other course requirements will be published in the course syllabus and will be discussed in detail by the faculty member on the first day of class each quarter. It is important that the student secure a copy of each course syllabus from the instructor on the first day of class, or from the school offices prior to the beginning of classes. A student's performance in relation to the established standards and class attendance regulations shall determine the student's grade in a course. Any student who must miss an examination has the responsibility for notifying the faculty member as soon as is practical.

CLASS HOUR LOAD

The normal class hour load for a full-time student is fifteen to twenty hours (15-20 per quarter including Summer Quarter). Students who wish to take more than twenty hours (excluding one hour clinicals--up to two hours in any one quarter) must secure written permission via an overload request form. This overload request must be signed by the advisor, school head, and Dean of Academic Affairs prior to enrollment. Overload requests will only be considered if the student is a graduating senior in the final quarter and has a GPA of at least 3.25. Students with a GPA of less than 3.25 will be required to provide a written justification for consideration to their advisor. Scheduling problems and time frame conflicts should not be used in consideration of overloads.

CLASS SIZE, MINIMUM

Athens State College reserves the right to cancel any course with an enrollment of less than ten (10) students.

COMMENCEMENT

Commencement ceremonies will be held at the end of the fall, winter and spring quarters. Students graduating at the end of the summer quarter will be eligible to participate in the fall commencement.

DIRECTED STUDY/RESEARCH COURSES

With approval of their faculty advisor and appropriate school head, Athens State College students may complete no more than 10 quarter hours of Directed Study/Research credit during their academic study with the College. Such directed research must be conducted in the student's major area of study.

DROP AND ADD

For a period specified in the college calendar immediately following registration periods, courses may be dropped and other courses added upon completion of the following requirements:

(1) The student must complete the appropriate forms in the Office of Admissions; and,
(2) Make payments as required in the Business Office. The student is responsible for notifying the academic advisor of schedule changes. (NOTE: Each change in class schedule requires a $5.00 drop or add fee.)

Prior to making a change in schedule, students receiving veterans benefits must see the Coordinator of Veterans Affairs; those receiving other financial aid should check with the Director of Student Financial Services.

DUAL ENROLLMENT

Dual enrollment in a junior or community college and Athens State College may be permitted in order to allow the student an opportunity to complete the following junior college general education requirements:

Freshman Composition	10 quarter hours
Mathematics	5 quarter hours
Science	5 quarter hours
Social Science	5 quarter hours
History	5 quarter hours

S.I.R. Agreement (Special Instructional Request)

Athens State College and Calhoun Community College cooperate in a Special Instructional Request (S.I.R.) program. Grades are reported to the Athens State College Records Office and recorded on the student's Athens State College transcript. To participate in this program, the Athens State student must:

1. Be deficient in one of the courses listed below:
 English Composition *101 and 102
 Principles of Accounting 243 and 244
 Western Civilization 101 and 102
 Principles of Economics 231 and 232
 Pre-requisite Science and *Mathematics courses
2. Participate in S.I.R. prior to the quarter in which graduation at ASC is anticipated.
3. Register for only one S.I.R. course per quarter.
4. Receive the approval of the faculty advisor (The faculty advisor adds the S.I.R. course to the standard sheet).
5. Register for S.I.R. course only during early or regular registration at ASC.
6. Receive a copy of S.I.R. form during registration.
7. Pay ASC tuition for the S.I.R. course.
8. Notify ASC Records Office if class attendance is discontinued.
9. Must be enrolled in at least one course at Athens State College.

*Student is subject to English and/or mathematics placement exam (ASSET) at Calhoun.

After meeting with faculty advisor, students registering for an S.I.R. course must go to the Dean of Academic Affairs' office to receive a reference number for the S.I.R. This should be done prior to presenting registration form to the Admissions Office.

Consortium Agreement

Athens State College participates in a Consortium Agreement with The University of Alabama in Huntsville, Alabama A&M University, and Oakwood College.
To participate in the program, the student:

1. must be considered a full-time student at Athens State College.
2. may take only one (1) consortium course per quarter.
3. must maintain at least a "C" average. (2.0 on a 4.0 scale)
4. must secure faculty advisor's approval of the course to be taken.
5. may request participation only during early and regular registration.

The course to be taken must not be available to the student at his/her home institution and it must be in his/her approved schedule and curriculum plan.

ENGLISH COMPOSITION REQUIREMENTS

It is strongly recommended that students complete 10 quarter hours in English Composition or equivalent courses prior to enrollment at Athens State College.

GRADING

Grading Policy

Letter grades of "A", "B", or "C" represent levels of accomplishment sufficient to allow students to make satisfactory progress toward graduation. "D" level work is considered inferior and the minimum-level accomplishment that will allow the students to continue their studies at Athens State College. A grade of

"F" is assigned to the student who (1) fails to meet minimum course requirements, or (2) voluntarily discontinues class attendance without officially withdrawing.

A grade of "W" will be assigned to a student who officially withdraws during the first six (6) weeks of the regular quarter. After the final exam is given, no "W" can be assigned. Absence from class does not constitute an official withdrawal. A "W" cannot be changed to a grade, nor can a grade be changed to a "W". Starting with the seventh week, a "W" can be assigned only with the permission of the instructor. A student not following these procedures will receive the grade of "F". (See also page 34.)

A grade of "I" will be given only under extenuating circumstances and normally will be used to indicate that (I) the student has secured instructor's permission to complete missing or late work, or (2) the student has obtained prior permission from the Dean of Academic Affairs to take a make-up final examination. Other possible valid reasons for assigning a mark of "I" must be decided by the instructor and the Dean of Academic Affairs.

A student receiving a grade of "I" in any quarter should be aware that the requirement to remove the "I" must be completed before the end of the next quarter or the "I" automatically becomes an "F". For the purpose of computation "I" is always evaluated as "F" until a grade change is made.

Grades of "W", and "AU" do not affect the grade point average.

Grade Points and Letter Grades

For each hour of credit in a subject, the letter grade is equated to grade points as follows:

"A" 4.0 Points
"B" 3.0 Points
"C" 2.0 Points
"D" I.0 Points
"F" 0.0 Points

Grade Review

Athens State College provides a procedure through which students may request a review of the final grade received in coursework taken at Athens State College. The first attempt by the student should be to contact the faculty member involved and try to resolve the dispute informally. If satisfaction is not achieved at this level, the student may appeal to the head of the appropriate school. If satisfaction is not achieved at this level, the student may submit a written appeal to the Dean of Academic Affairs. All appeals should be answered within ten instructional days at each level of appeal. All student appeals shall be initiated within 30 days of the official end of the academic quarter during which the course was taken. The written appeal form can be picked up from the school head or Dean of Academic Affairs office. The decision to change or let stand the final grade received in a course taken at Athens State College is the exclusive right and prerogative of the professor who taught the course and is absolute and final. Written appeals will be answered in writing by the Dean of Academic Affairs.

GRADUATION APPLICATION

A student expecting to receive a degree from Athens State College should complete an Application for Graduation, and pay the appropriate graduation fee, not later than the registration period of the term in which he or she expects to graduate.

REPEATED COURSES

A student who has made an unsatisfactory grade in a course and who wishes to repeat the course to earn a higher grade must repeat the course at Athens State College. A grade earned with Athens State College will be listed on the official transcript, but only the last course attempted will be used in computing the grade point average and will be applied toward the degree. Bachelor of Science in Education students should understand that GPA is calculated using grades from all courses attempted (professional studies and content courses).

REPEATED COURSES FOR VETERANS RECEIVING EDUCATIONAL BENEFITS

If a veteran fails a required course, he/she may repeat that course with pay. However, he/she cannot repeat a course just to improve a grade and receive payment through the Veterans Administration.

SECOND DEGREE

Students who seek a second degree must meet all admission requirements, complete all catalog requirements for the major in that degree, and must complete a minimum of forty-five quarter hours in residency (15 quarter hours on the main campus) at Athens State College beyond the conferral date of the first degree.

STANDARDS OF PROGRESS AND ACADEMIC STANDING

The Athens State College policy for satisfactory academic progress is designed to assist the student in meeting and maintaining a level of achievement that will assure reasonable progress toward graduation. All students should be aware that a cumulative minimum grade point average of 2.0 on a 4.0 scale is required for graduation. Since some academic schools have more stringent requirements, students should consult the section of the catalog relating to their major to determine any G.P.A. restrictions. Students with probationary status at Athens State College cannot receive permission to take coursework from another institution. Credit earned at another institution may not be used to clear probationary status at Athens State College.

Academic Probation/Continued Probation

An academic review of each student's record occurs at the completion of each term. Any student whose grade point average at Athens State College falls below 2.0 is immediately placed on academic probation. A student whose subsequent grades indicate improvement but who fails to raise his or her grade point average to 2.0 will be placed on continued probation (continued normally not more than two terms) to allow time to repeat courses or otherwise raise the grade point average to the 2.0 minimum. However, any ~~student who~~ fails to attain at least 1.0 grade point average during any term may be dropped for poor scholastic standing.

Students with probationary status at Athens State College cannot receive permission to take coursework from another institution. Credit earned at another institution may not be used to clear probationary status at Athens State College.

Final Probation

When a student has been placed on probation continued enrollment with Athens State College will depend upon grades received during the present quarter. A student will not be allowed to register for the next quarter until these grades have been reviewed. Failure to bring the grade point average up to a 2.0 will result in the student being dropped for poor scholastic standing.

Restrictive Probationary Status

Students on restrictive probation must maintain a minimum 2.0 grade point average. Failure to maintain the required 2.0 after being placed on restrictive probation will cause the student to be placed on indefinite suspension and dropped from active student status. Students on restrictive probation will not be allowed to pre-register, but will be required to register during open registration.

Indefinite Suspension

Students placed on indefinite suspension will not be considered for re-admission for at least one full academic year. The student must make a written request to the Admissions Office at least one month prior to the registration period of the intended term of re-entry.

Readmission of Students Previously Dropped for Poor Scholastic Standing

Students who have previously been dropped for poor scholastic standing may be considered for readmission upon petition to the Admissions Committee. If the student receives a positive review from the Admissions Committee, the student will re-enter under restrictive probationary status. Students must maintain a minimum of a 2.0 grade point average during the quarter in which they have been placed on restrictive probation.

Academic Bankruptcy

According to State Board Policy, a student may request in writing to the Registrar to declare academic bankruptcy under the following conditions:

a. If fewer than three (3) calendar years have elapsed since the quarter for which the student wishes to declare bankruptcy, the student may declare academic bankruptcy on all coursework taken during that one quarter provided the student has taken a minimum of 30 quarter credit hours of coursework at the institution since the bankruptcy quarter occurred. All coursework taken, even hours completed satisfactorily, during the quarter for which academic bankruptcy is declared will be disregarded in the cumulative grade point average.

b. If three or more calendar years have elapsed since the most recent quarter for which the student wishes to declare bankruptcy, the student may declare academic bankruptcy on all coursework taken during 1-3 quarters provided the student has taken a minimum of 30 quarter credit hours of coursework at the institution since the bankruptcy quarter occurred. All coursework taken, even hours completed satisfactorily, during the quarter(s) for which academic bankruptcy is declared will be disregarded in the cumulative grade point average.

When academic bankruptcy is declared the term "ACADEMIC BANKRUPTCY" will be reflected on the transcript for each quarter affected. When academic bankruptcy is declared, the transcript will reflect the quarter of its implementation and the transcript will be stamped "ACADEMIC BANKRUPTCY IMPLEMENTED."

A student may declare academic bankruptcy only once.

Implementation of academic bankruptcy at an institution does not guarantee that other institutions will approve such action. This determination will be made by the respective transfer institutions.

STUDENT CLASSIFICATION

Juniors - Students who have earned a minimum of ninety-six quarter hours of credit or who have received an Associate degree from an accredited two-year college.

Seniors - Students who have completed a minimum of 144 quarter hours of credit.

Non-Degree Seeking - Student not seeking a degree.

WITHDRAWAL

A grade of "W" will be assigned to a student who officially withdraws during the first six (6) weeks of the regular quarter. Starting with the seventh week, a "W" can be assigned only with the permission of the instructor. After the final exam is given, no "W" can be assigned. Absence from class does not constitute an official withdrawal. A "W" cannot be changed to a grade, nor can a grade be changed to a "W".

Withdrawal from classes is not complete until the student has been cleared through the Office of Admissions. Special regulations pertain to those receiving veterans benefits or financial aid, and those individuals should confer with the Director of Student Financial Services prior to initiating a withdrawal action. Specific dates for withdrawal will be included in the schedule each quarter.

NON-TRADITIONAL ACADEMIC CREDIT

Purpose

Non-Traditional Academic Credit at Athens State College is based upon the belief that it is sound educational practice for colleges and universities to recognize and award academic credit for several types of non-classroom based learning. Such learning may have been acquired through quality education programs conducted by various non-collegiate organizations, acceptable work experience, and certain combinations thereof.

Eligibility

The student who makes application for non-traditional academic credit must have maintained active and current enrollment as a degree seeking student at Athens State College for a minimum of one academic quarter. Applicants for non-traditional academic credit are expected to have satisfied the admission standards as published in the Athens State College catalog. However, applicants who do not otherwise satisfy the minimum quarter hour standards for admission, and who are eligible for one or more types of non-traditional credit may use work/military experience credit to justify admission to Athens State College provided:

*The experience is judged to be equivalent to completion of a technical degree program in an accredited technical college.

*The experience is judged to be not less than the minimum hours of college credit required of junior and senior college transfers.

*The applicant has completed at least 30 quarter/20 semester hours of course work at a regionally accredited institution.

*The completed course work includes English Composition I and II, and College Algebra or the equivalent.

*The applicant has maintained at least a 2.0 on a 4.0 scale on all course work attempted.

Admission to Athens State College will be considered conditional until transcripts from all previously attended colleges and universities, and documentation for all non-traditional credits have been received and verified.

Official evaluations will be processed when (1) the applicant has presented proof of satisfactory completion of one quarter at Athens State, and (2) transcripts from all previously attended institutions have been recorded.

Limitations

*Credit from non-traditional sources will be granted only if such credit does not duplicate other academic credit.

*Non-traditional academic credit is granted only if such credit is applicable to the student's course of study.

*A maximum of 96 quarter hours earned through non-traditional/non-graded sources may be applied toward a student's degree program.

Publication Guides

Publications used as guides in the office of Non-Traditional Credit are as follows:

I. The American Council on Education (ACE)
 A. Guide to the Evaluation of Educational Experiences in the Armed Services.
 B. The National Guide to Educational Credit for Training Programs.
II. Other guidebooks and manuals as provided by appropriate accrediting agencies.

Types of Non-Traditional Academic Credit

The types of non-traditional academic credits processed by the Office of Non-Traditional Credit, the documentation requirements and the procedures to be followed are listed below.

Military Training

Academic credit may be awarded to students who have served in the Armed Forces and have completed specialized training provided the following documentation is received:

(1) AARTS Transcript (If available).
(2) Copies of DD214, DA21, DA20 and DD295.
(3) Copies of certificates, awards, and/or other related military courses or training.

United States Air Force members whose military experience has been accepted by the Community College of the Air Force, should not apply for non-traditional academic credit but should have transcripts forwarded from CCAF directly to the Office of Admissions.

Military documentation will be evaluated in conformance with:

1. Military Occupational Specialities (MOS)
 Appropriate college credit will be granted based on the exhibit date and the ACE course credit recommendation.
2. Military Education
 Appropriate college credit will be granted based on the date and place the course(s) was taken and the ACE course credit recommendation. Academic credit may be awarded at the lower division or upper division category in accordance with ACE recommendations. Duplication of credits will not be granted. The decision to accept academic credit for military evaluations toward specific courses in a degree program will be made by the student's academic advisor.

Vocational/Technical/Professional Education

Academic credit may be awarded for vocational and technical professional education provided the following documentation is received:

1. Documentation for teaching professional education such as a letter from a director or president specifying length of tenure as a teacher, and validating the successful nature of the experiences.
2. Documentation status card.
 a. Journeyman status card.
 b. Apprenticeship certificate.
 c. Journeyman examination credentials.
3. Documentation of additional training.
 a. Any certificates, letters, or transcripts of additional technical training.
 b. Official transcripts from all previously attended educational institutions.

Vocational experience may require validation by the National Occupational Competency Testing Institute (NOCTI) or another comparable examination of competency approved by the Postsecondary Education Services of the State Department of Education.

For certification requirements, at least three years compensated vocational work experience in the technical specialty is required for those who have completed a formal postsecondary technical training program; those who have not completed the formal technical training must have completed six years compensated work experience in the technical specialty.

The decision to award vocational/technical/professional education credits will be made by the Director of Vocational and Technical Education.

Nursing and Other Health Related Professional Training

Academic credit may be awarded to a student who has completed a professional training program in nursing or other health related professions and holds a license. The following documentation is required:

I. Official transcripts of educational training.

2. Copy of license or proof of successful completion of a State Board Examination.
3. Documentation and verification of work experience in related field, including dates of service and positions held.

The decision to accept nursing and other health related professional training toward specific courses will be made by the Health Services advisor.

Technical Work Experience Credit

Up to a maximum of 65 quarter hours of academic credit may be awarded as a Basic Technical Speciality established through compensated work experience in selected technical fields. The Basic Technical Speciality is intended primarily to satisfy technology core requirements and is awarded as lower division credit. The procedures for the evaluation of such credit are as follows:

1. The student who wishes to apply for the Basic Technical Speciality must present appropriate documentation and verification of at least six years of successful compensated work experience in an approved technology.
2. The application must be made in writing to the student's academic advisor or to the Coordinator of Non-traditional Academic Credit Evaluations.
3. A non-refundable filing fee of $50.00 must be paid for the evaluation process.

The decision to accept technical work experience toward a student's degree program will be made by the appropriate School Head. The decision is final and absolute.

Work Based Academic Credit

Up to a maximum of 20 quarter hours of senior college credit may be earned through a process that involves validation of appropriate work experience and demonstration of academic competency by examination. Such credit is available for selected courses taught by Athens State College. The student's academic advisor should be consulted to determine the specific course(s) in which credit may be awarded through this process. The procedures for the evaluation of such credit are as follows:

1. The student must submit an application for the specific course(s) for which credit is sought. Each course requested must be listed in the current Athens State College catalog or the catalog under which the student entered.

2. The student must submit valid documentary evidence containing a complete description of the actual work experience as it relates to the content and instructional objectives of each course requested.

3. Proof of a minimum of four years related work experience for each course requested must be clearly established by the evidence presented.

4. Tuition for each course, in the amount of the current Athens State College tuition rate must be paid with the application. The tuition is non-refundable.

5. When the work experience data has been evaluated and accepted as appropriate, a written examination covering the content area of the course may be administered by the academic school offering the course(s). If a passing grade is earned, academic credit will be awarded.

The decision to award academic credit will be made by the appropriate School Head. The decision is final and absolute.

Application forms may be obtained from the office of non-traditional academic credit evaluations or the heads of schools.

Police Academies

Academic credit may be awarded to students who have completed police academy training and who have acceptable work experience with law enforcement agencies. The procedures for evaluation of such credit are as follows:

1. The student must submit proof of police academy training.
2. The student must submit letters of documentation from employers/supervisors indicating dates of service and positions held.

The decision to accept credit for police academy training will be made by the Justice Studies advisor.

Public Safety Administration

Academic credit may be awarded to students who have earned certain public safety certifications and/or work experience in Public Safety Management and/or supervision. Copies of professional certifications and documentation and verification of work experience including letters of appointment (if required) must be submitted with the application. Applicable tuition at the current Athens State College tuition rate must be paid for each course evaluated under this process. The decision to accept credit for Public Safety Administration evaluations will be made by the Public Safety Administration advisor.

Other Types of Non-Traditional Academic Credit

Academic credit may be awarded from other professional associations and government agencies provided proper documentation is submitted and accepted as appropriate.

For additional information on Non-Traditional Academic Credits, students should contact their academic advisor or the Office of Non-Traditional Academic Credits in the Student Center.

ACADEMIC SCHOOLS

School of Business
James F. Haynes, Ph.D.
Associate Dean of Academic Affairs and School Head

School of Education
Jonita Haynes, Ph.D.
Associate Dean of Academic Affairs and School Head

School of Humanities and Social Sciences
Curtis D. Coleman, D.Min.
Associate Dean of Academic Affairs and School Head

School of Science and Mathematics
Thomas S. Jandebeur, Ph.D.
Associate Dean of Academic Affairs and School Head

SCHOOL OF BUSINESS

James F. Haynes, Ph.D., Associate Dean
of Academic Affairs

SCHOOL OF BUSINESS

James F. Haynes, Ph.D., Associate Dean of Academic Affairs and School Head

The School of Business is a member of the Association of Collegiate Business Schools and Programs (ACBSP) and its curriculum complies with the Common Professional Component (CPC) recommended by this body.

Instruction offered by the School of Business is designed to assist in the preparation of competent and effective professionals in the areas of accounting and management. Students completing a degree program offered by the School of Business will possess the following skills and competencies:

1. Knowledge of accounting and economic concepts.
2. Knowledge of management and marketing concepts.
3. An ability to effectively use problem-solving techniques.
4. An ability to effectively and correctly use communication techniques.
5. An ability to effectively and correctly use quantitative techniques.
6. An understanding of the legal and ethical environment of business.
7. An understanding of microcomputer usage as it relates to business.
8. An understanding of the sources and uses of funds for business operation and the calculation of the cost of capital.
9. An understanding of the American monetary system and operation of financial markets.
10. An understanding of the operation of the global economy.

Specific knowledge and skill competencies are addressed with objectives in each course syllabus.

Students who plan to do graduate study in a business field are encouraged to take MA309 Business Calculus.

The School of Business offers programs of study leading to the Bachelor of Business Administration degree with majors in accounting, management, the management of technology, and human resources management. In cooperation with the School of Humanities and Social Sciences, the School of Business participates in an interdisciplinary program of study leading to the Bachelor of Science degree in public safety administration. In cooperation with the School of Science and Mathematics, the School of Business participates in a program of study leading to the Bachelor of Science degree with a major in Science and Management (Refer to page 121 of this catalog for the program description).

It is the student's responsibility to comply with the School of Business coursework requirements. Under no circumstances are alterations or substitutions in required coursework permitted without prior approval of the business faculty members in the major area, the student's faculty advisor, the School Head, and the Dean for Academic Affairs.

ACCOUNTING

The aim of the major in Accounting is to prepare students for a wide variety of careers in professional accounting, including public accounting, industrial accounting, internal auditing, and government service and to provide an academic framework for future graduate study. In addition to the program components listed below the student should complete the general college requirements and satisfy the conditions for graduation listed on page 26.

Beginning in January of 1995, students who plan to sit for the CPA Exam in Alabama must complete a total of at least 225 quarter hours. This may be accomplished two ways:

1. Take two additional accounting courses, AC 441 Advanced Governmental Auditing, and AC461 Federal Tax Accounting II, along with twenty-five additional business elective hours with Athens State College.
2. Complete a master's degree in accounting or business that provides the coursework required by the Alabama CPA Board.

Bachelor of Business Administration - Accounting

Program components for the Bachelor of Business Administration degree with a major in Accounting include:

1. Applicable general college requirements (pg. 26).
2. A hundred and five quarter hour core of business and accounting courses.
3. **GENERAL EDUCATION REQUIREMENTS:**

English Composition	10 quarter hours
Humanities (must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy).	20 quarter hours
Social Science (Must be in the area of Economics to include EC 310 or Principles of Economics I	10 quarter hours
Behavioral Science	10 quarter hours
Natural Science	10 quarter hours
Computer Science (must be a windows business applications course)	5 quarter hours
Math (College Algebra or equivalent)	5 quarter hours
TOTAL QUARTER HOURS	70 quarter hours

4. Earning an acceptable score on an assessment exam containing questions dealing with the ten competency and skill areas around which the curriculum is based.
5. Completion of a capstone course, MG 420 Business Policy, with a minimum grade of "C".
6. **ACCOUNTING AND BUSINESS CORE:**

Accounting Principles	10 quarter hours
AC 321 Intermediate Accounting I	5 quarter hours
AC 322 Intermediate Accounting II	5 quarter hours
AC 323 Intermediate Accounting III	5 quarter hours
AC 341 Governmental Accounting	5 quarter hours
AC 361 Federal Tax Accounting	5 quarter hours
AC 371 Cost Accounting	5 quarter hours
AC 401 Auditing	5 quarter hours
AC 425 Accounting Information Systems	5 quarter hours
AC 431 Advanced Accounting	5 quarter hours
EC 321 Money and Banking	5 quarter hours
FIN 350 Managerial Finance	5 quarter hours
GBA 305 Statistical Methods of Business I	5 quarter hours
GBA 306 Statistical Methods of Business II	5 quarter hours
GBA 311 The Legal Environment of Business	5 quarter hours

GBA 312 Law for Accountants 5 quarter hours
MG 320 Managerial Communications 5 quarter hours
MG 346 Principles of Management 5 quarter hours
MG 420 Business Policy..... 5 quarter hours
MK 331 Marketing Principles 5 quarter hours
TOTAL QUARTER HOURS* 105 quarter hours

*At least 60 quarter hours of Accounting and Business courses must be taken at the senior college level, including a minimum of 40 quarter hours with Athens State College.

Free elective quarter hours.....17 quarter hours

TOTAL QUARTER HOURS FOR PROGRAM OF STUDY 192 quarter hours

MANAGEMENT

The objective of the major in Management is to provide students with a comprehensive business education which will prepare them to enter managerial employment or to assist in the development of individuals who hold those positions. In addition, it provides an academic framework for future graduate study. The major encompasses the traditional business curriculum which includes coursework in accounting, economics, finance, management, marketing and the legal environment of business. Program components for the Bachelor of Business Administration in Management are listed below. In addition the student must satisfy the general college requirements listed on page 26.

Bachelor of Business Administration - Management

Program components for the Bachelor of Business Administration degree with a major in Management include:

1. Applicable general college requirements (pg.26).
2. A ninety quarter hour core of business courses.

3. GENERAL EDUCATION REQUIREMENTS:
 English Composition 10 quarter hours
 Humanities (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy) 20 quarter hours
 Social Science (Must be in the area of Economics to include EC 310 or Principles of Economics I) 10 quarter hours
 Behavioral Science 10 quarter hours
 Natural Science 10 quarter hours
 Computer Science (Must be a windows business applications course) 5 quarter hours
 Math (College Algebra or the equivalent) 5 quarter hours
 TOTAL QUARTER HOURS 70 quarter hours

4. Earning an acceptable score on an assessment exam containing questions dealing with the ten competency and skill areas around which the curriculum is based.
5. Completion of a capstone course, MG 420, Business Policy, with a minimum grade of "C".

6. BUSINESS CORE:
 Accounting Principles or equivalent 10 quarter hours
 EC 320 International Commerce 5 quarter hours
 EC 321 Money and Banking 5 quarter hours
 FIN 350 Managerial Finance 5 quarter hours
 GBA 305 Statistical Methods of Business I 5 quarter hours
 GBA 306 Statistical Methods of Business II 5 quarter hours

GBA 311 The Legal Environment of Business	5 quarter hours
MG 302 Management Information Systems	5 quarter hours
MG 320 Managerial Communications	5 quarter hours
MG 346 Principles of Management	5 quarter hours
MG 349 Human Resources Management	5 quarter hours
MG 353 Project Management	5 quarter hours
MG 375 Organizational Behavior	5 quarter hours
MG 405 Production and Operations Management	5 quarter hours
MG 418 Entrepreneurship	5 quarter hours
MG 420 Business Policy	5 quarter hours
MK 331 Marketing Principles	5 quarter hours
TOTAL QUARTER HOURS*	90 quarter hours

*At least 60 quarter hours of business courses must be taken at the senior college level,including a minimum of 40 quarter hours with Athens State College.

Free Elective Quarter Hours	32 quarter hours

TOTAL QUARTER HOURS REQUIRED FOR PROGRAM OF STUDY 192 quarter hours

CONCENTRATION IN PROCUREMENT AND ACQUISITION MANAGEMENT

Athens State College offers a specialized area of concentration in procurement and acquisition management. Students who seek this concentration should complete the requirements described below.

PROCUREMENT COURSES:

PR 394 Introduction to Procurement	5 quarter hours
PR 395 Price and Cost Analysis	5 quarter hours
PR 396 Advanced Procurement Concepts & Govt. Contract Law	5 quarter hours
PR 397 Contract Negotiation	5 quarter hours
PR 398 Contract Administration	5 quarter hours

TOTAL QUARTER HOURS 25 quarter hours

BUSINESS ADMINISTRATION MINOR

In order to better serve the entire student body of Athens State College, the School of Business makes available to those students majoring in other disciplines, a structured minor in the area of Business Administration.

The student seeking a minor in Business Administration must complete forty quarter hours of Business Administration courses to include the following:

AC 300 Fundamentals of Accounting (or Principles of Accounting I)	5 quarter hours
EC 310 Modern Economics (or Principles of Economics I)	5 quarter hours
FIN 350 Managerial Finance	5 quarter hours
GBA 305 Statistical Methods of Business I	5 quarter hours
GBA 311 The Legal Environment of Business	5 quarter hours
MK 331 Marketing Principles	5 quarter hours
MG 320 Managerial Communications	5 quarter hours
MG 346 Principles of Management	5 quarter hours

TOTAL QUARTER HOURS 40 quarter hours

MANAGEMENT OF TECHNOLOGY

Athens State College offers to technical personnel including the graduates of technical schools or colleges the opportunity to complete a baccalaureate degree in the management of technology. The person who seeks the Bachelor of Business Administration in Management of Technology is to complete the requirements described below in addition to general college requirements.

Bachelor of Business Administration - Management of Technology

Program components for the Bachelor of Science degree with a major in Management of Technology include:

1. Applicable general college requirements (pg.26).

2. GENERAL EDUCATION REQUIREMENTS:

English Composition	10 quarter hours
Humanities (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy)	20 quarter hours
Social Science (Must be in the area of Economics to include EC 310 or Principles of Economics I)	10 quarter hours
Behavioral Science	10 quarter hours
Natural Science	10 quarter hours
Computer Science (Must be a windows business applications course)	5 quarter hours
Math (College Algebra or its equivalent)	5 quarter hours
TOTAL QUARTER HOURS	70 quarter hours

3. Earning an acceptable score on an assessment exam containing questions dealing with the ten competency and skill areas around which the curriculum is based.

4. Completion of a capstone course, MG 420, Business Policy, with a minimum grade of "C".

5. TECHNICAL CORE:

Technical Training: Six or more quarters/technical school or college.
Work Experience: Six years documented, successful work experience.
Professional program: Fine arts or health sciences.

TOTAL QUARTER HOURS (minimum of 50)	50 quarter hours

6. BUSINESS CORE:

Principles of Accounting I or AC 300	5 quarter hours
EC 321 Money and Banking	5 quarter hours
FIN 350 Managerial Finance	5 quarter hours
GBA 305 Statistical Methods of Business I	5 quarter hours
GBA 311 The Legal Environment of Business	5 quarter hours
GBA 368 Industrial and Personnel Psychology	5 quarter hours
MG 302 Management Information Systems	5 quarter hours
MG 320 Managerial Communications	5 quarter hours
MG 346 Principles of Management	5 quarter hours
MG 352 Culture/TQM in the Global Market	5 quarter hours
MG 405 Production and Operations Management	5 quarter hours
MG 418 Management of Technology	5 quarter hours
MG 420 Business Policy	5 quarter hours
MK 331 Marketing Principles	5 quarter hours
TOTAL QUARTER HOURS*	70 quarter hours

*At least 45 quarter hours of business courses must be taken at the senior college level, including a minimum of 40 quarter hours of credit with Athens State College.

Free Elective Quarter Hours	2 quarter hours
TOTAL QUARTER HOURS REQUIRED FOR PROGRAM OF STUDY	192 quarter hours

HUMAN RESOURCES MANAGEMENT

The objective of the major in Human Resources Management is to provide students with a program of study that will prepare them for a variety of employment opportunities in the area of human resource management and provide an academic framework for future graduate study. The curriculum combines traditional business courses, specialized management courses, and related psychology courses.

Bachelor of Business Administration - Human Resources Management

Program components for the Bachelor of Business Administration degree with a major in Human Resources Management include:

1. Applicable general college requirements (pg. 26).

2. **GENERAL EDUCATION REQUIREMENTS:**

English Composition	10 quarter hours
Humanities (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy)	20 quarter hours
Social Science (Must be in the area of Economics to include EC 310 or Principles of Economics I)	10 quarter hours
Behavioral Science (Must include General Psychology or equivalent)	10 quarter hours
Natural Science	10 quarter hours
Computer Science (Must be a windows business applications course)	5 quarter hours
Mathematics (College Algebra or the equivalent)	5 quarter hours
TOTAL QUARTER HOURS	70 quarter hours

3. Earning an acceptable score on assessment instrument containing questions dealing with the seven competency and skill areas around which the curriculum is based.

4. Completion of a capstone course, MG 420 Business Policy, with a minimum grade of "C".

5. **PROFESSIONAL CORE:**

Accounting Principles I or AC 300	5 quarter hours
EC 321 Money and Banking	5 quarter hours
FIN 350 Managerial Finance	5 quarter hours
GBA 305 Statistical Methods of Business or PS 341 Statistics in Behavioral Science	5 quarter hours
GBA 311 Legal Environment of Business	5 quarter hours
GBA 368 Industrial and Personnel Psychology	5 quarter hours
MG 302 Management Information Systems	5 quarter hours
MG 320 Managerial Communications	5 quarter hours
MG 346 Principles of Management	5 quarter hours
MG 349 Human Resources Management	5 quarter hours
MG 351 Labor Management Relations	5 quarter hours
MG 352 Culture/TQM in the Global Market	5 quarter hours
MG 375 Organizational Behavior	5 quarter hours
MG 420 Business Policy	5 quarter hours
MK 331 Marketing Principles	5 quarter hours
PS 331 Social Psychology	5 quarter hours
PS 335 Adult Psychology	5 quarter hours
PS 352 Abnormal Psychology	5 quarter hours
PS 404 Drugs and Behavior	5 quarter hours
PS 410 History and Systems of Psychology	5 quarter hours

PS 461 Tests and Measurements 5 quarter hours

TOTAL QUARTER HOURS* 105 quarter hours

*At least 60 quarter hours of business and psychology courses must be taken at the senior college level, including a minimum of 40 quarter hours with Athens State College.

Free Elective Quarter Hours 17 quarter hours

TOTAL QUARTER HOURS REQUIRED FOR PROGRAM OF STUDY 192 quarter hours

LOGISTICS UNIVERSITY

The School of Business participates in consortium agreements with Alabama A&M University and the University of Alabama in Huntsville to offer coursework to employees of the Missile Logistics Center at Redstone Arsenal.

SCHOOL OF EDUCATION

Jonita Haynes, Ph.D., Associate Dean
of Academic Affairs

SCHOOL OF EDUCATION

Jonita Haynes, Ph.D., Associate Dean of Academic Affairs and School Head

The Teacher Education Program at Athens State College promotes the professional development of students who seek teaching as a career. Students are advised and assisted in each phase of their preparation program. The School of Education offers an undergraduate degree leading to Class B Certification in Early Childhood Education, Elementary Education, High School Education, Physical Education, Special Education, and Secondary Trade and Industry. A program for endorsement in middle school is also available. In addition, the School of Education offers a non-teaching program to physical education majors and a day-trade certification in vocational trade industrial education.

The preparation of teachers is built on a liberal arts foundation. Those students preparing for teaching positions in the secondary schools pursue a composite teaching specialization or complete two approved teaching specializations. Students preparing to teach early childhood and elementary education concentrate on subject matter relevant to the major. Those who are preparing to teach special education or physical education pursue a broad program appropriate to both elementary and secondary schools. All groups complete their programs with specific and appropriate professional courses.

All programs are designed to assist students in acquiring knowledge and abilities in the following areas: long and short range planning, instructional methods and strategies, classroom management, assessment and evaluation, decision making, written and oral communication, human growth and development, and professional behavior. Clinical experiences are an important component of the program. Faculty model varied methods and strategies and students are required to demonstrate their attainment of knowledge and skills.

Follow-up studies of graduates are conducted in an effort to assess teaching effectiveness, to secure data vital to future planning and development, and to assist the beginning teacher. Changes to the requirements of the Teacher Education Program may occur at any time. Students are advised to check updated program of study forms for these changes.

TEACHER EDUCATION PROGRAM

Admission

Prior to enrolling in certain professional education courses other than ED 300, Foundations of Education, a student must be admitted to the Teacher Education Program. All students wishing to enter the Teacher Education Program must meet the following requirements prior to the end of their third quarter:

1. Present documentation of proficiency on the Basic Skills Test. This test is administered in January, April, July, and October. Applications must be submitted several weeks in advance and are available in the Testing Office, Student Center, or the Certification Office, McCain Hall. (Those students who may have taken the English Language Proficiency Test can substitute a passing score for this requirement only until December 31, 1995.)

2. Complete Education 300, Foundations of Education, or the equivalent with a grade of at least "C".

3. Receive recommendation from the interviewer who reviews the applicant's personal traits, experiences, interests, and aptitudes as these relate to the requirements for successful teaching. An essay written by the applicant is also reviewed at this time.

4. Present documentation of a minimum grade point average of at least 2.5 on a 4.0 scale on all college work related to a professional education degree.

5. Submit documentation of a current, negative chest x-ray or tuberculosis skin test.

6. Complete and submit the Written Application and Essay for Admission to the Teacher Education Program to the School of Education. This application should be made by the end of the second week of the student's second quarter at ASC. Application forms are available in the Certification Office, 106 McCain Hall.

7. All of the above steps should be completed by the end of the third quarter. If admission to TEP is not complete by the end of a quarter, a student will not be eligible for admission until the end of the following quarter.

Retention

1. A student may be dropped from the Teacher Education Program for failure to maintain the standards of performance required for admission to the program. The student will be supervised and evaluated in an effort to eliminate his or her deficiencies.

2. A professional review board composed of education faculty members meets periodically to review unsatisfactory performance and progress of students referred by faculty members. Recommendations are determined by a consensus.

3. A student must maintain a current validation of a negative chest x-ray or tuberculosis skin test throughout the Teacher Education Program.

Completion

In addition to the specified courses in each approved program, the student must meet the following requirements:

1. Maintain a grade point average of at least a 2.5 on a 4.0 scale in each of the following: overall using courses applicable to degree, professional studies courses, and teaching field courses.

 General Education Requirements - Only courses used must be included in the calculation.

 Professional Education Requirements - Only transfer work used and all work attempted at Athens State College must be included in the calculation.

 Teaching Field Requirements - Only transfer work used and all work attempted at Athens State College must be included in the calculation.

 Overall GPA - This is the total of all three areas above.
 Add hours attempted for the three areas.
 Add quality points for the three areas.
 Divide hours attempted into quality points.

2. Achieve a minimum grade of "C" in each professional education course and each teaching field course. Courses in which D's and F's are made must be repeated and all attempts are calculated in GPA.

3. Complete the Teacher Education Program within four years from the date of admission.

4. Earn a passing score on a comprehensive exit examination covering the content of the teaching field(s) and professional education. All students completing any Athens State College education program or State Department of Education program are required to take the examination.

IMPORTANT NOTICE!!!

The State Department of Education retains the right to deny credit for a course with a prerequisite of admission to teacher education if that course was taken prior to admission to teacher education. Students not admitted to the Teacher Education Program who register for courses that require admission can be withdrawn from the course by the School of Education.

Courses That Require Admission to the Teacher Education Program

Early Childhood Education
ED 323 Reading I: Materials and Methods of Teaching Beginning Reading
ED 361 Measurement and Management
ED 413 Reading II: Materials and Methods of Teaching Reading Comprehension
ED 420 Materials and Methods of Teaching Science
ED 423 Materials and Methods of Teaching Social Studies
ED 470 Early Childhood Curriculum
ED 480 Internship in Early Childhood Education

Elementary Education
ED 323 Reading I: Materials and Methods of Teaching Beginning Reading
ED 361 Measurement and Management
ED 413 Reading II: Materials and Methods of Teaching Reading Comprehension
ED 420 Materials and Methods of Teaching Science
ED 423 Materials and Methods of Teaching Social Studies
ED 424 Materials and Methods of Teaching Math in Intermediate Grades
ED 472 Elementary School Curriculum
ED 482 Internship in Elementary Education

Learning Disabled Education
ED 324 Teaching Math to the Young Child
ED 333 Teaching Reading in the Content Area
ED 413 Reading II: Materials and Methods of Teaching Reading Comprehension
PS 461 Tests and Measurements
ED 488 Internship in N-12

Language Arts, English, Comprehensive Science, Biology, Chemistry, Social Science, History, Political Science, Psychology, Mathematics
ED 333 Teaching Reading in the Content Area
ED 361 Measurement and Management
ED 431 Materials and Methods of Teaching Middle/High School
ED 486 Internship in High School

Physical Education
ED 333 Teaching Reading in the Content Area
PE 401 Tests and Measurements in Physical Education
PE 430 Materials and Methods for Teaching Physical Education in the Elementary School
PE 440 Materials and Methods for Teaching Physical Education in the High School
ED 488 Internship in N-12

Trade and Industry Education
ED 333 Teaching Reading in the Content Area
ED 486 Internship in High School
VE 440 Testing and Evaluation in Vocational Education
VE 470 Practicum - Supervised Work Experience

Internship

1. Students must apply to the Director of Internship two quarters prior to registering for Internship. (The application forms are available in the certification office of the School of Education). The internship should be taken the last quarter in attendance after all course work has been successfully completed.

2. The intern shall not be enrolled in course work during the normal operational hours of the school(s) where the internship is being completed. (Limit: One evening or weekend course with permission.)

3. The initial internship requires fifty consecutive full days of attendance at the assigned school(s). A second internship for persons seeking additional certification requires twenty-five full days of attendance at the assigned school(s).

The State Board of Education periodically revises the requirements governing certification in the State of Alabama. Therefore, requirements for degrees leading to certification are subject to change from those published in this catalog. The student is advised to secure a current curriculum guide from the School of Education Office to ensure that both degree requirements and certification requirements are met.

Anyone convicted of a felony can be denied certification or have certification revoked by the State Superintendent.

Certification

Issuance of Alabama teaching certificates is the legal responsibility of the Alabama State Department of Education. Universities and colleges cannot issue a professional certificate. However, in order to be certified at the professional "B" level, a student must complete an appropriate course of study at a college or university which has been approved by the State Board of Education. When a student completes the course of study, the institution recommends to the State Department of Education that the appropriate certificate be awarded. It is the responsibility of the student to complete the steps for certification recommendation from Athens State College which are as follows:

1. Satisfy the requirements of the Teacher Education Program.
2. Obtain application for certification from the Certification Officer.
3. Provide a $20.00 money order for each level of certification. (Amount subject to state modification; make money order payable to the State Department of Education in Montgomery).
4. Provide the Certification Officer with one copy of an official transcript.

NOTE: Certificates for students who complete certification requirements after September 1 will be dated effective July 1 of the following year.

Approved Majors

Biology
Chemistry
Comprehensive Science
Early Childhood Education
Elementary Education
English
History
Language Arts
Mathematics
Physical Education
Political Science
Social Science
Special Education (Learning Disabilities)
Trade and Industrial Education-Teacher/Coordinator
Vocational Education - Postsecondary

Post Graduate Teacher Education Program Planning

A student who holds a baccalaureate degree from an accredited institution may complete certification requirements at Athens State College. In general, this student must meet the same requirements for admission to and exit from the program as a regular undergraduate student. There are several classifications which may be appropriate for this student; consequently, the student must consult the Certification Officer to have a program plan approved before enrolling for a course. Those who plan to apply for a second degree must complete a minimum of 20 quarter hours in the major area(s).

A student who holds an Alabama teacher's certificate may seek to add additional areas of certification endorsement. The Certification Officer will assist the student in program planning to meet the State Department of Education requirements.

Job Placement

It is recommended that each student place a resume' on file with the Athens State College Placement Office prior to graduation.

EARLY CHILDHOOD EDUCATION

This program is designed for students interested in the education of young children. The focus is upon the nature of learning and development of children ages four through eight. This phase of the teacher preparation program is designed to assist the student in acquiring knowledge, understanding, and skills deemed essential to: (I) teach in kindergarten and primary grades, (2) administer and implement preschool or other early childhood programs, or (3) to pursue graduate study in early childhood and other related specializations.

Bachelor of Science in Education - Early Childhood Education Major

Program components for the Bachelor of Science in Education with a major in Early Childhood Education include:

1. Applicable general college requirements (page 26) and the following general education and professional education requirements.

2. GENERAL EDUCATION REQUIREMENTS:

English Composition	10 quarter hours
Literature	10 quarter hours
Speech	5 quarter hours
General Psychology	5 quarter hours
Mathematics	15 quarter hours
Science (To include both Biological and Physical	20 quarter hours
Economics	5 quarter hours
American History	5 quarter hours
Geography	5 quarter hours
Government	5 quarter hours
* Health Education	1-4 quarter hours
* Physical Education	1-4 quarter hours

(*For a combined total of 5 quarter hours.)

TOTAL GENERAL EDUCATION HOURS 90 quarter hours

3. PROFESSIONAL EDUCATION REQUIREMENTS:

During any one quarter, a student may not enroll for more than three methods courses.

ED 300 Foundations of Education	5 quarter hours
ED 302 Language Development	5 quarter hours
ED 305 Computers and Media for Teachers	5 quarter hours
ED 310 Principles of Early Childhood Education	5 quarter hours

ED 312 The Child and Society	5 quarter hours
ED 320 Children's Literature (Methods)	5 quarter hours
ED 321 Materials and Methods of Teaching Language Arts (Methods)	5 quarter hours
ED 323 Reading I: Materials and Methods of Teaching Beginning Reading	5 quarter hours
ED 323C Clinical Experience	1 quarter hour
ED 324 Teaching Math to the Young Child (Methods)	5 quarter hours
ED 324C Clinical Experience	1 quarter hour
ED 361 Measurement and Management	5 quarter hours
ED 413 Reading II: Materials and Methods of Teaching Reading Comprehension	5 quarter hours
ED 413C Clinical Experience	1 quarter hour
ED 420 Materials and Methods of Teaching Science	5 quarter hours
ED 423 Materials and Methods of Teaching Social Science	5 quarter hours
ED 423F Field Experience	1 quarter hour
ED 470 Early Childhood Curriculum	5 quarter hours
ED 470F Field Experience	1 quarter hour
ED 480 Internship in Early Childhood Education	15 quarter hours
AR 309 Art for Teachers N-6 (Methods)	5 quarter hours
MU 451 Music for Teachers N-6 (Methods)	5 quarter hours
PE 431 Motor Development and Physical Activity	5 quarter hours
PS 332 Child Psychology	5 quarter hours
SE 301 Introduction to the Exceptional Child	5 quarter hours
TOTAL PROFESSIONAL EDUCATION HOURS:	115 quarter hours

4. Students desiring to major both in Early Childhood Education and Elementary Education must meet the course requirements in both programs including an additional five quarter hours of internship.

5. A second major is not required.

ELEMENTARY EDUCATION

The program in Elementary Education at Athens State College is designed to assist the student in acquiring the knowledge and skills required of teachers in elementary schools. The program is field oriented in order to provide observation and participation in a wide variety of educational settings with elementary age students. Professional coursework requirements culminate with a ten-week internship.

Bachelor of Science in Education - Elementary Education Major

Program components for the Bachelor of Science in Education with a major in Elementary Education include:

1. Applicable general college requirements (pg. 26).

2. GENERAL EDUCATION REQUIREMENTS:

English Composition	10 quarter hours
Literature	10 quarter hours
Speech	5 quarter hours
General Psychology	5 quarter hours
Mathematics	15 quarter hours
Science (To include both biological and physical)	20 quarter hours
Economics	5 quarter hours
American History	5 quarter hours
Geography	5 quarter hours
Government	5 quarter hours
* Health Education	1-4 quarter hours
* Physical Education	1-4 quarter hours
(*For a combined total of 5 quarter hours)	
TOTAL GENERAL EDUCATION HOURS:	90 quarter hours

3. **PROFESSIONAL EDUCATION REQUIREMENTS:**
During any one quarter, a student may NOT enroll for more than three methods courses.

ED 300 Foundations of Education	5 quarter hours
ED 305 Computers and Media for Teachers	5 quarter hours
ED 312 The Child and Society	5 quarter hours
ED 320 Children's Literature (Methods)	5 quarter hours
ED 321 Materials and Methods of Teaching Language Arts	5 quarter hours
ED 323 Reading I: Materials and Methods of Teaching Beginning Reading	5 quarter hours
ED 323C Clinical Experience	1 quarter hour
ED 324 Teaching Mathematics to the Young Child (Methods)	5 quarter hours
ED 324C Clinical Experience	1 quarter hour
ED 361 Measurement and Management	5 quarter hours
ED 413 Reading II: Materials and Methods of Teaching Reading Comprehension	5 quarter hours
ED 413C Clinical Experience	1 quarter hour
ED 420 Materials and Methods of Teaching Science	5 quarter hours
ED 423 Materials and Methods of Teaching Social Science	5 quarter hours
ED 423F Field Experience	1 quarter hour
ED 424 Materials & Methods of Teaching Mathematics in Intermediate Grades	5 quarter hours
ED 424C Clinical Experience	1 quarter hour
ED 472 Elementary School Curriculum (Methods)	5 quarter hours
ED 482 Internship in Elementary Education	15 quarter hours
AR 309 Art for Teachers N-6 (Methods)	5 quarter hours
MU 451 Music for Teachers N-6 (Methods)	5 quarter hours
PE 430 Teaching Physical Education in the Elementary School (Methods)	5 quarter hours
PS 332 Child Psychology	5 quarter hours
SE 301 Introduction to the Exceptional Child	5 quarter hours
TOTAL PROFESSIONAL EDUCATION HOURS	110 quarter hours

4. Students desiring to major both in Elementary Education and Early Childhood Education must meet the course requirements in both programs with an additional five quarter hours of internship.

5. A second major is not required.

MIDDLE SCHOOL ENDORSEMENTS

History/English/Biology/Mathematics:

For the student obtaining elementary certification who wishes to add a middle school endorsement (grades 4-8) in history, English, biology or mathematics, the following courses are required:

ED 300 Foundations of Education	5 quarter hours
ED 333 Teaching Reading in the Content Areas	5 quarter hours
PS 334 Adolescent Psychology	5 quarter hours
Advisor approved courses from the approved respective teaching field for 7-12 certification	40 quarter hours
TOTAL	55 quarter hours

Comprehensive Science

For the student obtaining elementary certification who wishes to add a middle school endorsement in comprehensive science, the following courses are required:

ED 300 Foundations of Education	5 quarter hours
ED 333 Teaching Reading in the Content Areas	5 quarter hours
PS 334 Adolescent Psychology	5 quarter hours
Advisor approved courses from the approved teaching field for 7-12 certification. Courses must be selected from each of these areas: (physics, earth & space science, biology, chemistry)	40 quarter hours
TOTAL	55 quarter hours

Language Arts

For the student obtaining elementary certification who wishes to add a middle school endorsement in language arts, the following courses are required:

ED 300 Foundations of Education	5 quarter hours
ED 333 Teaching Reading in the Content Areas	5 quarter hours
PS 334 Adolescent Psychology	5 quarter hours
Advisor approved courses from the approved teaching field for 7-12 certification. Courses must be selected from each of these areas: (English composition and literature, journalism, speech)	40 quarter hours
TOTAL	55 quarter hours

Social Science

For the student obtaining elementary certification who wishes to add a middle school endorsement in social science, the following courses are required:

ED 300 Foundations of Education	5 quarter hours
ED 333 Teaching Reading in the Content Areas	5 quarter hours
PS 334 Adolescent Psychology	5 quarter hours
Advisor approved courses from the approved teaching field for 7-12 certification. Courses must be selected from each of these areas: (economics, geography, history, political science, sociology or anthropology) (no psychology)	40 quarter hours
TOTAL	55 quarter hours

NOTE: IF THE TEN WEEK INTERNSHIP WAS NOT COMPLETED IN GRADES 4-6, AN ADDITIONAL FIVE WEEK INTERNSHIP MUST BE COMPLETED IN THOSE GRADES.

HIGH SCHOOL EDUCATION

The student who wishes to be certified to teach in high school (grades 7-12) must successfully complete an approved composite major or two majors. The requirements for completing a teacher education program in high school follows:

Bachelor of Science in Education - High School Education Major

Program components for the Bachelor of Science in Education with a major in High School Education include:

1. Applicable general college requirements (pg. 26).
2. General education requirements, professional education requirements, and major requirements.
3. High School Education majors desiring middle school endorsement (grades 4-8) should refer to their respective high school certification requirements for applicable middle school endorsements.

Bachelor of Science in Education - Biology

1. Applicable general college requirements (pg. 26).

2. A 61-63 quarter hour major, including a minimum of 36 quarter hours of upper division course work, at least 24 quarter hours of which must be taken at Athens State College. (Courses taken under the SIR agreement do not constitute upper division course work.) Directed Study/Research and/or independent study courses will not satisfy course requirements for the major or minor.

3. GENERAL EDUCATION REQUIREMENTS:

English Composition	10 quarter hours
Literature Survey	10 quarter hours

Economics 5 quarter hours
History 5 quarter hours
General Psychology 5 quarter hours
Social Science Elective 5 quarter hours
Pre-Calculus 5 quarter hours
Survey of Physics (GS 325 or equivalent) 5 quarter hours
Introductory Chemistry with lab, or CH301, or CH303, or equivalent 5-6 quarter hours
One of the following:
Natural or Physical Geography, World, Regional, or General Geography,
Earth Science (GS 302) or Geology,
Atmospheric Science (GS 301) or Meteorology 5 quarter hours
Speech 5 quarter hours
* Health Education 1-4 quarter hours
* Physical Education 1-4 quarter hours
(*For a combined total of 5 quarter hours.)
TOTAL GENERAL EDUCATION HOURS 70-71 quarter hours

4. **PROFESSIONAL EDUCATION REQUIREMENTS:**
ED 300 Foundations of Education 5 quarter hours
ED 305 Computers and Media for Teachers 5 quarter hours
ED 333 Teaching Reading in the Content Area 5 quarter hours
ED 361 Measurement and Management 5 quarter hours
ED 431 Materials and Methods of Teaching in Middle School/High School 5 quarter hours
ED 486 Internship in High School Education 15 quarter hours
PS 330 Educational Psychology or PS 332 Child Psychology 5 quarter hours
PS 334 Adolescent Psychology 5 quarter hours
SE 301 Introduction to the Exceptional Child 5 quarter hours
TOTAL PROFESSIONAL EDUCATION HOURS 55 quarter hours

5. **MAJOR REQUIREMENTS:**
*Principles of Biology 5 quarter hours
*General Botany 5 quarter hours
*General Zoology 5 quarter hours
*These courses must be completed first.

BI 401 Cell Structure and Function 6 quarter hours
BI 402 Genetics 6 quarter hours
BI 403 General Ecology 6 quarter hours

Five of the following courses:
Human Anatomy and Physiology 5 quarter hours
Microbiology 5 quarter hours
BI 411 Invertebrate Systematics and Morphology 6 quarter hours
BI 412 Invertebrate Development and Function 6 quarter hours
BI 413 Field Vertebrate Zoology 6 quarter hours
BI 414 Comparative Vertebrate Anatomy 6 quarter hours
BI 424 Animal Physiology 5 quarter hours
BI 431 Plant Systematics and Morphology 6 quarter hours
BI 432 Plant Development and Function 6 quarter hours
BI 440 Biological Research Fundamentals 6 quarter hours
TOTAL HOURS IN MAJOR 61-63 quarter hours

6. An approved second teaching major is required. The student must satisfy any additional General Education and/or Professional Education requirements inherent to the second major which are not stated above.

7. A minor is not required.

For the student obtaining high school certification who wishes a middle school endorsement in biology, the following courses are required:

ED 300 Foundations of Education	5 quarter hours
ED 413 Reading II: Materials and Methods of Teaching Reading Comprehension	5 quarter hours
ED 413C Clinical Experience	1 quarter hour
ED 420 Materials and Methods of Teaching Science	5 quarter hours
PS 332 Child Psychology	5 quarter hours
SDE approved courses from the teaching field for 7-12 certification.	40 quarter hours
TOTAL	61 quarter hours

NOTE: IF THE TEN WEEK INTERNSHIP DID NOT INCLUDE AT LEAST FIVE WEEKS IN GRADES 7-8, AN ADDITIONAL FIVE WEEK INTERNSHIP MUST BE COMPLETED IN THOSE GRADES.

Bachelor of Science in Education - Chemistry

1. Applicable general college requirements (p.26).

2. A 53-59 quarter hour major; at least four chemistry courses must be taken at Athens State College.

3. Approval of all transfer chemistry credits for advanced standing and approval of program projection by the student's chemistry advisor is required.

3. GENERAL EDUCATION REQUIREMENTS:

English Composition	10 quarter hours
Literature Survey	10 quarter hours
Economics	5 quarter hours
History	5 quarter hours
General Psychology	5 quarter hours
Social Science Elective	5 quarter hours
Physics I (PY 301 or equivalent)	5 quarter hours
Biology	5 quarter hours
Earth or Space Science	5 quarter hours
Speech	5 quarter hours
*Health Education	1-4 quarter hours
*Physical Education	1-4 quarter hours
(*For a combined total of 5 quarter hours.)	
TOTAL GENERAL EDUCATION HOURS:	65 quarter hours

4. PROFESSIONAL EDUCATION REQUIREMENTS:

ED 300 Foundations of Education	5 quarter hours
ED 305 Computers and Media for Teachers	5 quarter hours
ED 333 Teaching Reading in the Content Area	5 quarter hours
ED 361 Measurement and Management	5 quarter hours
ED 431 Materials and Methods of Teaching in Middle School/High School	5 quarter hours
ED 486 Internship in High School Education	15 quarter hours
PS 330 Educational Psychology or PS 332 Child Psychology	5 quarter hours
PS 334 Adolescent Psychology	5 quarter hours
SE 301 Introduction to the Exceptional Child	5 quarter hours
TOTAL PROFESSIONAL EDUCATION HOURS:	55 quarter hours

5. MAJOR REQUIREMENTS:

MA 303,304 Calculus	10 quarter hours
MA 305,306 Intermediate Calculus	10 quarter hours
General Chemistry or CH 303,304,305 Chemistry I,II,III	15-18 quarter hours
CH 311,312,313 Organic Chemistry	15-18 quarter hours
CH 324 Analytical Chemistry	6 quarter hours
CH 430 Physical Chemistry	6 quarter hours

Select one of the following:

CH 314 Polymer Science	6 quarter hours
CH 413 Biochemistry	5 quarter hours
TOTAL HOURS IN MAJOR:	73-79 quarter hours

A second major is required. The student must satisfy any additional General Education and/or Professional Education requirements inherent to the second major which are not stated above.

Bachelor of Science in Education - Comprehensive Science

1. Applicable general college requirements (p.26).

2. **GENERAL EDUCATION REQUIREMENTS:**

English Composition	10 quarter hours
Literature Survey	10 quarter hours
Economics	5 quarter hours
History	5 quarter hours
General Psychology	5 quarter hours
Social Science Elective	5 quarter hours
Speech	5 quarter hours
*Health Education	1-4 quarter hours
*Physical Education	1-4 quarter hours
(*For a combined total of 5 quarter hours.)	
TOTAL GENERAL EDUCATION HOURS	50 quarter hours

3. **PROFESSIONAL EDUCATION REQUIREMENTS:**

ED 300 Foundations of Education	5 quarter hours
ED 305 Computers and Media for Teachers	5 quarter hours
ED 333 Teaching Reading in the Content Area	5 quarter hours
ED 361 Measurement and Management	5 quarter hours
ED 431 Materials and Methods of Teaching in Middle School/High School Education	5 quarter hours
ED 486 Internship in High School Education	15 quarter hours
PS 330 Educational Psychology or PS 332 Child Psychology	5 quarter hours
PS 334 Adolescent Psychology	5 quarter hours
SE 301 Introduction to the Exceptional Child	5 quarter hours
TOTAL PROFESSIONAL EDUCATION HOURS	55 quarter hours

4. **MAJOR REQUIREMENTS:**

<u>BIOLOGY*</u>	
Principles of Biology	5 quarter hours
General Botany	5 quarter hours
General Zoology	5 quarter hours
BI 401 Cell Structure and Functions	6 quarter hours
<u>CHEMISTRY*</u>	
CH 303 Chemistry I	5-6 quarter hours
CH 304 Chemistry II	5-6 quarter hours
CH 305 Chemistry III	6 quarter hours
CH 324 Analytic Chemistry	6 quarter hours
<u>EARTH SPACE AND SCIENCE</u>	
GS 300 Astronomy	5 quarter hours
GS 301 Atmospheric Science	5 quarter hours
GS 302 Earth Science	5 quarter hours
BI 403 General Ecology	6 quarter hours

*In addition, a concentration in either Biology or Chemistry to equal 36 quarter hours is required. This upper level course work will be selected from B.S.Ed. approved courses for either discipline.

MATHEMATICS

MA 303 Calculus I	5 quarter hours
MA 304 Calculus II	5 quarter hours
MA 305 Calculus III	5 quarter hours
MA 306 Calculus IV	5 quarter hours

PHYSICS

PY 301 General Physics (w/Calculus)	5 quarter hours
PY 302 General Physics (w/Calculus)	5 quarter hours
PY 303 General Physics (w/Calculus)	5 quarter hours
PY 305 Introduction to Modern Physics	5 quarter hours
TOTAL HOURS IN MAJOR	118-24 quarter hours

A second major is not required.

For the student obtaining high school certification who wishes a middle school endorsement in comprehensive science, the following courses are required:

ED 300 Foundations of Education	5 quarter hours
ED 413 Reading II: Materials and Methods of Teaching Reading Comprehension	5 quarter hours
ED 413C Clinical Experience	1 quarter hours
ED 420 Materials and Methods of Teaching Science	5 quarter hours
PS 332 Child Psychology	5 quarter hours
Advisor approved courses from the State Department of Education approved program. Courses must be selected from each of these areas: (Physics, Earth and Space Science, Biology, Chemistry)	40 quarter hours
TOTAL	61 quarter hours

NOTE: IF THE TEN-WEEK INTERNSHIP DID NOT INCLUDE AT LEAST FIVE WEEKS IN GRADES 7-8, AN ADDITIONAL FIVE-WEEK INTERNSHIP MUST BE COMPLETED IN THOSE GRADES.

Bachelor of Science in Education - English Major

1. Applicable general college requirements (pg. 26).

2. GENERAL EDUCATION REQUIREMENTS:

Economics	5 quarter hours
History	5 quarter hours
General Psychology	5 quarter hours
Social Science Elective	5 quarter hours
Mathematics	5 quarter hours
Science (Must include both biological and physical)	15 quarter hours
Science or Social Science Elective	5 quarter hours
* Health Education	1-4 quarter hours
* Physical Education	1-4 quarter hours
(*For a combined total of 5 quarter hours.)	
TOTAL GENERAL EDUCATION HOURS:	50 quarter hours

3. PROFESSIONAL EDUCATION REQUIREMENTS:

ED 300 Foundations of Education	5 quarter hours
ED 305 Computers and Media for Teachers	5 quarter hours
ED 333 Teaching Reading in the Content Area	5 quarter hours
ED 361 Measurement and Management	5 quarter hours
ED 431 Materials and Methods of Teaching in Middle School/High School	5 quarter hours

ED 486 Internship in High School Education 15 quarter hours
PS 330 Educational Psychology or PS 332 Child Psychology 5 quarter hours
PS 334 Adolescent Psychology 5 quarter hours
SE 301 Introduction to the Exceptional Child 5 quarter hours
TOTAL PROFESSIONAL EDUCATION HOURS: 55 quarter hours

4. MAJOR REQUIREMENTS:
English Composition 10 quarter hours
Literature Survey 10 quarter hours
Speech or EH 400 5 quarter hours
EH 312 Dramatic Literature 5 quarter hours
EH 325 Myth, Ritual and Culture 5 quarter hours
EH 320 Grammar for Teachers 5 quarter hours
EH 401 Speech: Conflict Management or EH 402 Oral Interpretation in Speech & Theatre 5 quarter hours
EH 414 History of the English Language 5 quarter hours
EH 425 Shakespeare: The Sonnets and the Plays 5 quarter hours
EH 431 Poetry and Poetics 5 quarter hours
Choose one of the following: 5 quarter hours
EH 304 Southern Literature
EH 307 Major Authors (Ancient to Renaissance)
EH 308 Major Authors (Renaissance through Modern)
EH 314 Nineteenth Century Studies
EH 316 American Masterpieces
EH 413 Composition for Teachers
EH 430 Literature: The Healing Art
EH 433 Fiction
EH 440 African-American Studies
EH 450 Renaissance Literature 1550-1680
EH 451 Restoration and Eighteenth Century
EH 452 Chaucer and Medieval Literature

TOTAL HOURS IN MAJOR: 65 quarter hours

A second major is required. The student must satisfy any additional General Education and/or Professional Education requirements inherent to the second major which are not stated above.

For the student obtaining high school certification who wishes a middle school endorsement in English, the following courses are required:

ED 300 Foundations of Education 5 quarter hours
ED 321 Material and Methods of Teaching Language Arts 5 quarter hours
ED 413 Reading II: Materials and Methods of Teaching Reading Comprehension 5 quarter hours
ED 413C Clinical Experience 1 quarter hours
PS 332 Child Psychology 5 quarter hours
Advisor approved courses from the State Department of Education approved program. 40 quarter hours
TOTAL 61 quarter hours

NOTE: IF THE TEN WEEK INTERNSHIP WAS NOT COMPLETED IN GRADES 7-8, AN ADDITIONAL FIVE WEEK INTERNSHIP MUST BE COMPLETED IN THOSE GRADES.

Bachelor of Science in Education - History Major

1. Applicable general college requirements (p. 26).

2. GENERAL EDUCATION REQUIREMENTS:

English Composition	10 quarter hours
Literature Survey	10 quarter hours
Economics	5 quarter hours
General Psychology	5 quarter hours
Mathematics	5 quarter hours
Science (Must include both Biological and Physical)	15 quarter hours
Speech	5 quarter hours
*Health Education	1-4 quarter hours
*Physical Education	1-4 quarter hours
(*For a combined total of 5 quarter hours.)	
TOTAL GENERAL EDUCATION HOURS	60 quarter hours

3. PROFESSIONAL EDUCATION REQUIREMENTS:

ED 300 Foundations of Education	5 quarter hours
ED 305 Computers and Media for Teachers	5 quarter hours
ED 333 Teaching Reading in the Content Area	5 quarter hours
ED 361 Measurement and Management	5 quarter hours
ED 431 Materials and Methods of Teaching in Middle School/High School	5 quarter hours
ED 486 Internship in High School Education	15 quarter hours
PS 330 Educational Psychology or PS 332 Child Psychology	5 quarter hours
PS 334 Adolescent Psychology	5 quarter hours
SE 301 Introduction to the Exceptional Child	5 quarter hours
TOTAL PROFESSIONAL EDUCATION HOURS	55 quarter hours

4. MAJOR REQUIREMENTS:

American History	10 quarter hours
Western Civilization or HU 330 Landmarks of Civilization	10 quarter hours
SS/HY 301 Social Science Research Methods	5 quarter hours
HY 302 Alabama History	5 quarter hours
American History (advisor approved)	10 quarter hours
European History (advisor approved)	10 quarter hours
TOTAL HOURS IN MAJOR	50 quarter hours

A second major is required. The student must satisfy any additional General Education and/or Professional Education requirements inherent to the second major which are not stated above.

For the student obtaining high school certification who wishes a middle school endorsement in history, the following courses are required:

ED 300 Foundations of Education	5 quarter hours
ED 413 Reading II: Materials and Methods of Teaching Reading Comprehension	5 quarter hours
ED 413C Clinical Experience	1 quarter hour
ED 423 Materials and Methods of Teaching Social Science	5 quarter hours
ED 423F Field Experience	1 quarter hour
PS 332 Child Psychology	5 quarter hours
Advisor approved courses from the State Department of Education approved program	40 quarter hours
TOTAL	62 quarter hours

NOTE: IF THE TEN WEEK INTERNSHIP WAS NOT COMPLETED IN GRADES 7-8, AN ADDITIONAL FIVE WEEK INTERNSHIP MUST BE COMPLETED IN THOSE GRADES.

Bachelor of Science in Education - Language Arts Major

1. Applicable general college requirements (pg. 26).

2. **GENERAL EDUCATION REQUIREMENTS:**

Economics	5 quarter hours
History	5 quarter hours
General Psychology	5 quarter hours
Social Science Elective	5 quarter hours
Mathematics	5 quarter hours
Science (Must include both biological and physical)	15 quarter hours
Electives	10 quarter hours
*Health Education	1-4 quarter hours
*Physical Education	1-4 quarter hours
(*For a combined total of 5 quarter hours.)	
TOTAL GENERAL EDUCATION HOURS:	55 quarter hours

3. **PROFESSIONAL EDUCATION REQUIREMENTS:**

ED 300 Foundations of Education	5 quarter hours
ED 305 Computers and Media for Teachers	5 quarter hours
ED 333 Teaching Reading in the Content Area	5 quarter hours
ED 361 Measurement and Management	5 quarter hours
ED 431 Materials and Methods of Teaching in Middle School/High School	5 quarter hours
ED 486 Internship in High School Education	15 quarter hours
PS 330 Educational Psychology or PS 332 Child Psychology	5 quarter hours
PS 334 Adolescent Psychology	5 quarter hours
SE 301 Introduction to the Exceptional Child	5 quarter hours
TOTAL PROFESSIONAL EDUCATION HOURS:	55 quarter hours

4. **MAJOR REQUIREMENTS:**

English Composition	10 quarter hours
Literature Survey	10 quarter hours
Speech	5 quarter hours
EH 303 Journalism I	5 quarter hours
EH 311 Drama Production I	5 quarter hours
EH 312 Dramatic Literature	5 quarter hours
EH 320 Grammar for Teachers	5 quarter hours
EH 400 Speech Communication or EH 402 Oral Interpretation in Speech and Theatre	5 quarter hours
EH 401 Speech: Conflict Management	5 quarter hours
EH 403 Journalism II	5 quarter hours
EH 414 History of the English Language	5 quarter hours
EH 425 Shakespeare	5 quarter hours
EH 431 Poetry and Poetics	5 quarter hours
EH 433 Fiction	5 quarter hours
Select two of the following:	10 quarter hours
EH 304 Southern Literature	
EH 307 Major Authors: Ancient to Renaissance	
EH 308 Major Authors: Renaissance to Modern	
EH 313 Drama Production II	
EH 314 Nineteenth Century Studies	
EH 316 American Masterpieces	
EH 325 Myth, Ritual and Culture	
EH 413 Composition for Teachers	
EH 430 Literature: The Healing Art	
EH 440 African-American Studies	
EH 450 Renaissance Literature 1550-1680	
EH 451 Restoration and the Eighteenth Century	
EH 452 Chaucer and Medieval Literature	
TOTAL HOURS IN MAJOR:	90 quarter hours

A second major is not required.

For the student obtaining high school certification who wishes a middle school endorsement in language arts, the following courses are required:

ED 300 Foundations of Education	5 quarter hours
ED 321 Materials and Methods of Teaching Language Arts	5 quarter hours
ED 413 Reading II: Materials and Methods of Teaching Reading Comprehension	5 quarter hours
ED 413C Clinical Experience	1 quarter hour
PS 332 Child Psychology	5 quarter hours
Advisor approved courses from the State Department of Education approved program. Courses must be selected from each of these areas: English composition and literature, drama, journalism, speech)	40 quarter hours
TOTAL	61 quarter hours

NOTE: IF THE TEN WEEK INTERNSHIP WAS NOT COMPLETED IN GRADES 7-8, AN ADDITIONAL FIVE WEEK INTERNSHIP MUST BE COMPLETED IN THOSE GRADES.

Bachelor of Science in Education - Mathematics

1. Applicable general college requirements (p.26).

2. **GENERAL EDUCATION REQUIREMENTS:**

English Composition	10 quarter hours
Literature Survey	10 quarter hours
Economics	5 quarter hours
History	5 quarter hours
General Psychology	5 quarter hours
Social Science Elective	5 quarter hours
Biology	5 quarter hours
Physics Survey	5 quarter hours
Chemistry Survey	5 quarter hours
Speech	5 quarter hours
* Health Education	1-4 quarter hours
* Physical Education	1-4 quarter hours
(*For a combined total of 5 quarter hours.)	
TOTAL GENERAL EDUCATION HOURS	65 quarter hours

3. **PROFESSIONAL EDUCATION REQUIREMENTS:**

ED 300 Foundations of Education	5 quarter hours
ED 305 Computers and Media for Teachers	5 quarter hours
ED 333 Teaching Reading in the Content Area	5 quarter hours
ED 361 Measurement and Management	5 quarter hours
ED 431 Materials and Methods of Teaching in Middle School/High School	5 quarter hours
ED 486 Internship in High School Education	15 quarter hours
PS 330 Educational Psychology or PS 332 Child Psychology	5 quarter hours
PS 334 Adolescent Psychology	5 quarter hours
SE 301 Introduction to the Exceptional Child	5 quarter hours
TOTAL PROFESSIONAL EDUCATION HOURS	55 quarter hours

4. **MAJOR REQUIREMENTS:**

MA 303,304 Calculus	10 quarter hours
MA 305,306 Intermediate Calculus	10 quarter hours
MA 314 College Geometry	5 quarter hours
** MA 441 Special Topics	5 quarter hours
CIS 301 Introduction to Computers and Computer Systems or BASIC Programming or CS 312 Computer Programming I (Pascal) or CS 330 FORTRAN Programming	5 quarter hours

Plus five mathematics electives (5 quarter hours each) from the following: 25 quarter hours
MA 308 Discrete Mathematics
MA 310 Matrices and Linear Algebra
MA 316 Vector Analysis
MA 320 Modern Algebra
MA 401 Complex Analysis
MA 421 Differential Equations
MA 423 Numerical Analysis
MA 428 Partial Differential Equations
MA 430,431 Theory of Statistics and Probability I, II
MA 450,451 Advanced Calculus I, II
MA 452 Real Analysis
TOTAL HOURS IN MAJOR 60 quarter hours

**The final examination in MA 441 will be used as the assessment instrument for the B.S.Ed. mathematics program.

Students must take at least 35 quarter hours of mathematics courses above MA 306 to fulfill the B.S.Ed. mathematics degree. At least 20 quarter hours of the required 35 quarter hours must be taken at Athens State College. All B.S.Ed. mathematics majors must maintain a 2.5 GPA in mathematics courses taken at Athens State College.

A second major is not required.

For the student obtaining high school certification who wishes a middle school endorsement in mathematics, the following courses are required:

ED 300 Foundations of Education 5 quarter hours
ED 424 Materials and Methods of Teaching Mathematics in Intermediate Grades 5 quarter hours
ED 424C Clinical Experience 1 quarter hour
ED 413 Reading II: Materials and Methods of Teaching Reading Comprehension 5 quarter hours
ED 413C Clinical Experience 1 quarter hour
PS 332 Child Psychology 5 quarter hours
Advisor approved courses from the State Department of Education approved program. 40 quarter hours
TOTAL 62 quarter hours

NOTE: IF THE TEN WEEK INTERNSHIP WAS NOT COMPLETED IN GRADES 7-8, AN ADDITIONAL FIVE WEEK INTERNSHIP MUST BE COMPLETED IN THOSE GRADES.

Bachelor of Science in Education - Political Science Major

1. Applicable general college requirements (p.26).

2. GENERAL EDUCATION REQUIREMENTS:
English Composition 10 quarter hours
Literature Survey 10 quarter hours
Economics 5 quarter hours
Geography 5 quarter hours
History 5 quarter hours
General Psychology 5 quarter hours
Mathematics 5 quarter hours
Science (Must include both biological and physical) 15 quarter hours
Speech 5 quarter hours
* Health Education 1-4 quarter hours
* Physical Education 1-4 quarter hours
(*For a combined total of 5 quarter hours.)
TOTAL GENERAL EDUCATION HOURS 70 quarter hours

3. PROFESSIONAL EDUCATION REQUIREMENTS:

ED 300 Foundations of Education	5 quarter hours
ED 305 Computers and Media for Teachers	5 quarter hours
ED 333 Teaching Reading in the Content Area	5 quarter hours
ED 361 Measurement and Management	5 quarter hours
ED 431 Materials and Methods of Teaching in Middle School/High School	5 quarter hours
ED 486 Internship in High School Education	15 quarter hours
PS 330 Educational Psychology or PS 332 Child Psychology	5 quarter hours
PS 334 Adolescent Psychology	5 quarter hours
SE 301 Introduction to the Exceptional Child	5 quarter hours
TOTAL PROFESSIONAL EDUCATION HOURS	55 quarter hours

4. MAJOR REQUIREMENTS:

PO 301 Social Science Research Methods	5 quarter hours
PO 302 Problems of American Government	5 quarter hours
PO 308 America and the World	5 quarter hours
Political Science Electives	10 quarter hours
One of the following:	5 quarter hours
PO 303 Comparative State and Urban Government	
PO 305 Alabama Government	
One of the following:	5 quarter hours
PO 307 American Constitutional Law	
PO 364 Civil Liberties	
One of the following:	5 quarter hours
PO 334 The Middle East	
PO 331 Twentieth Century Latin America	
PO 452 Comparative Political Systems	
One of the following:	5 quarter hours
PO 377 Public Administration	
PO 351 Political Sociology	
One of the following:	5 quarter hours
PO 320 Introduction to International Commerce	
PO 453 International Politics	
TOTAL MAJOR HOURS	50 quarter hours

A second major is required. The student must satisfy any additional General Education and/or Professional Education requirements inherent to the second major which are not stated above.

Bachelor of Science in Education - Social Science

1. Applicable general college requirements (p. 26).

2. GENERAL EDUCATION REQUIREMENTS:

English Composition	10 quarter hours
Literature Survey	10 quarter hours
Mathematics	5 quarter hours
Science (Must include both biological and physical)	15 quarter hours
General Psychology	5 quarter hours
Speech	5 quarter hours
* Health Education	1-4 quarter hours
* Physical Education	1-4 quarter hours
(*For a combined total of 5 quarter hours.)	
TOTAL GENERAL EDUCATION HOURS	55 quarter hours

3. PROFESSIONAL EDUCATION REQUIREMENTS:

ED 300 Foundations of Education	5 quarter hours
ED 305 Computer and Media for Teachers	5 quarter hours
ED 333 Teaching Reading in the Content Area	5 quarter hours
ED 361 Measurement and Management	5 quarter hours
ED 431 Materials and Methods of Teaching in Middle School/High School	5 quarter hours
ED 486 Internship in High School Education	15 quarter hours
PS 330 Educational Psychology or PS 332 Child Psychology	5 quarter hours
PS 334 Adolescent Psychology	5 quarter hours
SE 301 Introduction to the Exceptional Child	5 quarter hours
TOTAL PROFESSIONAL EDUCATION HOURS	55 quarter hours

4. MAJOR REQUIREMENTS:

American History	10 quarter hours
Western Civilization or HU 330 Landmarks of Civilization	10 quarter hours
SS 301 Social Science Research Methods	5 quarter hours
EC 310 Modern Economics	5 quarter hours
EC 320 Introduction to International Commerce	5 quarter hours
GO 309 World Regional Geography	5 quarter hours
GO 311 Economic Geography	5 quarter hours
Geography Elective	5 quarter hours
SO 351 Political Sociology	5 quarter hours
PO 302 Problems of American Government	5 quarter hours
HY 302 Alabama History	5 quarter hours
HY 304 Colonial and Revolutionary America	5 quarter hours
One of the following: HY 305 Nineteenth Century America HY 306 Twentieth Century America	5 quarter hours
One of the following: HY 312 Eighteenth Century Europe HY 313 Revolutionary Europe HY 314 Nineteenth Century Europe HY 315 Twentieth Century Europe	5 quarter hours
One of the following: PO 303 Comparative State and Urban Government PO 305 Alabama Government	5 quarter hours
One of the following: SO 461 Sociological Theories Introduction to Sociology or an approved elective	5 quarter hours
One of the following: PO 308 America and the World PO 453 International Politics	5 quarter hours
TOTAL HOURS IN MAJOR	95 quarter hours

A second major is not required.

For the student obtaining high school certification who wishes a middle school endorsement in social science, the following courses are required:

ED 300 Foundations of Education	5 quarter hours
ED 413 Reading II: Materials and Methods of Teaching Reading Comprehension	5 quarter hours
ED 413C Clinical Experience	1 quarter hour
ED 423 Materials and Methods of Teaching Social Science	5 quarter hours
ED 423F Field Experience	1 quarter hour
PS 332 Child Psychology	5 quarter hours
Advisor approved courses from the State Department of Education approved program. Course must be selected from each of these areas: Economics, Geography, History, Political Science, Sociology or Anthropology	40 quarter hours
TOTAL	62 quarter hours

NOTE: IF THE TEN WEEK INTERNSHIP WAS NOT COMPLETED IN GRADES 7-8, AN ADDITIONAL FIVE-WEEK INTERNSHIP MUST BE COMPLETED IN THOSE GRADES.

SPECIAL EDUCATION (LEARNING DISABILITIES)

The Special Education Program at Athens State College is designed to prepare professionals to work with students across various age levels (N through Grade 12) who have learning disabilities. The program provides pre-service training in preparation for the class "B" certificate.

Bachelor of Science in Education - Learning Disabled

1. Applicable general college requirements (p. 26).

2. **GENERAL EDUCATION REQUIREMENTS:**

English Composition	10 quarter hours
Literature Survey	10 quarter hours
Economics	5 quarter hours
History	10 quarter hours
General Psychology	5 quarter hours
Mathematics	10 quarter hours
Biology	5 quarter hours
Physical Science	5 quarter hours
Speech	5 quarter hours
Introductory Sociology	5 quarter hours
* Health Education	1-4 quarter hours
* Physical Education	1-4 quarter hours

(*For a combined total of 5 quarter hours.)

Electives (Recommend Art and Music courses .)	10 quarter hours
TOTAL GENERAL EDUCATION HOURS:	85 quarter hours

3. **PROFESSIONAL EDUCATION REQUIREMENTS:**

ED 300 Foundations of Education	5 quarter hours
ED 305 Computers and Media for Teachers	5 quarter hours
ED 324 Teaching Math to the Young Child	5 quarter hours
ED 324C Clinical Experience	1 quarter hour
ED 333 Teaching Reading in the Content Area	5 quarter hours
ED 413 Reading II: Materials and Methods of Teaching Reading Comprehension	5 quarter hours
ED 413C Clinical Experience	1 quarter hours
ED 488 Internship in N-12 Education	15 quarter hours
PS 332 Child Psychology	5 quarter hours
PS 334 Adolescent Psychology	5 quarter hours
PS 461 Tests and Measurements	5 quarter hours
SE 301 Introduction to the Exceptional Child	5 quarter hours
TOTAL PROFESSIONAL EDUCATION HOURS:	62 quarter hours

4. **MAJOR REQUIREMENTS**

ED 302 Language Development	5 quarter hours
ED 323 Reading I: Materials and Methods of Teaching Beginning Reading	5 quarter hours
ED 323C Clinical Experience	1 quarter hour
PS 406 Physiological Psychology	5 quarter hours
SE 310 Learning Disabilities: Theories and Issues	5 quarter hours
SE 330 Planning Curriculum and IEP's for the Learning Disabled	5 quarter hours
SE 400 Classroom Management and Discipline	5 quarter hours
SE 410 Assessment of Exceptional Children	5 quarter hours
SE 420 Alternative Instructional Strategies	5 quarter hours
SE 430 Advanced Diagnostic and Implementation Strategies	5 quarter hours
SE 440 Meeting the Needs of the Secondary Learning Disabled	5 quarter hours
SE 450 Professional Development Seminar	5 quarter hours
SE 470 Parent and Professional Conferencing Techniques	5 quarter hours
TOTAL HOURS IN MAJOR:	61 quarter hours
TOTAL HOURS IN DEGREE:	208 quarter hours

A second major is not required.

Special Education Minor

Those students who wish to minor in Special Education may do so through consultation with their advisor and Special Education professor(s). **It is understood that this minor is to meet college requirements only and will not qualify the student to meet state certification requirements.** The following courses will be required of any student desiring to minor in Special Education.

SE 301 Introduction to the Exceptional Child 5 quarter hours
SE 310 Learning Disabilities: Theories and Issues..... 5 quarter hours
SE 410 Assessment of the Exceptional Child 5 quarter hours
SE 420 Alternative Instructional Strategies 5 quarter hours

The following courses are suggested as electives
(two should be selected by the student) 10 quarter hours
ED 302 Language Development
SE 330 Planning Curriculum and IEP's for the Learning Disabled
SE 440 Meeting the Needs of the Secondary Learning Disabled

VOCATIONAL AND TECHNICAL EDUCATION
(Class B, Secondary Professional Certification)

Bachelor of Science in Education - Secondary Trade and Industrial Education

1. General and Professional Education Requirements for the degree and applicable general college requirements (p. 26).
2. At least one year compensated work experience in one of the trade and industrial education technologies is required for this degree.
3. Technical Training Credit - Up to 65 quarter hours maximum credit may be awarded to those who have at least three years compensated work experience in a technical specialty and have completed a formal postsecondary technical training program; those who have not completed the formal technical training must have completed six years compensated work experience in a technical specialty to receive this credit.

4. GENERAL EDUCATION REQUIREMENTS:
English Composition 10 quarter hours
Literature Survey 10 quarter hours
Science (To include both biological and physical) 15 quarter hours
Economics 5 quarter hours
Mathematics 5 quarter hours
History 5 quarter hours
General Psychology 5 quarter hours
Social Science Elective 5 quarter hours
Speech 5 quarter hours
* Health Education 1-4 quarter hours
* Physical Education 1-4 quarter hours
(*For a combined total of five quarter hours.)
TOTAL GENERAL EDUCATION HOURS: 70 quarter hours

5. PROFESSIONAL EDUCATION REQUIREMENTS:
* ED 300 Foundations of Education 5 quarter hours
* PS 334 Adolescent Psychology 5 quarter hours
* SE 305 Meeting the Needs of Exceptional Vocational Education Students 5 quarter hours
* VE 302 Foundations of Vocational and Technical Education 5 quarter hours
* VE 432 Methods of Teaching Vocational and Technical Education 5 quarter hours
* VE 433 Materials of Teaching Vocational and Technical Education 5 quarter hours

*Students may take only four (20 quarter hours) of the above prior to admission to teacher education.

** ED 333 Teaching Reading in the Content Area	5 quarter hours
** VE 440 Testing and Evaluation in Vocational Education	5 quarter hours
** ED 486 Internship in High School Education	15 quarter hours

(**Require full admission to teacher education.)

TOTAL PROFESSIONAL EDUCATION HOURS: 55 quarter hours

6. **MAJOR REQUIREMENTS:**

EC 348 Labor Economics	5 quarter hours
VE 434 Occupational Analysis and Curriculum Development in Voc. & Tech. Ed	5 quarter hours
VE 435 Industrial and Shop Safety	5 quarter hours
VE 436 Vocational Information and Guidance	5 quarter hours
VE 439 Youth Organization and Advisory Committees	5 quarter hours
VE 445 Functions of the Coordinator	5 quarter hours
VE 438 Shop Organization and Management	5 quarter hours
VE 470 Practicum - Supervised Work Experience	5 quarter hours
and	
VE 259 Basic Technical Specialty (elective credit)	0-65 quarter hours
VE 279 Transfer Technical Credit	

TOTAL HOURS IN MAJOR: 40-105 quarter hours

VOCATIONAL AND TECHNICAL EDUCATION
(No Class B Certification)

Bachelor of Science in Education in Vocational and Technical Education

The School of Education offers a program designed to prepare instructors to serve in the trade and industrial areas of instruction in technical colleges, institutes, military installations and schools. Admission to the program is dependent upon the student's validation of an acceptable trade or technology as noted by the Department of Labor Job Code. A student who does not possess such technology may not enter the program. These programs do not lead to Class B, Secondary Professional Certification, but do lead to Type II or Type I Certification.

1. Applicable general college requirements (p. 26).
2. Technical training (up to 65 quarter hours maximum credit.) Work experience credit may require validation by the NOCTI or another comparable examination of competency.

3. **GENERAL COLLEGE REQUIREMENTS:**

English Composition	10 quarter hours
Mathematics	5 quarter hours
Science (One may be an approved Computer Science)	10 quarter hours
Economics	5 quarter hours
History	10 quarter hours
Sociology	5 quarter hours
Speech	5 quarter hours
Literature	10 quarter hours
Social Science	5 quarter hours
Psychology	5 quarter hours

4. **PROFESSIONAL EDUCATION REQUIREMENTS:**

ED 300 Foundations of Education	5 quarter hours
PS 334 Adolescent Psychology or PS 335 Adult Psychology	5 quarter hours
SE 305 Meeting the Needs of Exceptional Vocational Education Students	5 quarter hours
VE 302 Foundations of Vocational Education	5 quarter hours
VE 432 Methods of Teaching Vocational and Technical Education	5 quarter hours
VE 433 Materials of Teaching Vocational and Technical Education	5 quarter hours
VE 434 Occupational Analysis and Curriculum Development in Vocational and Technical Education	5 quarter hours
VE 483,484,485 Practicum in Teaching Vocational and Technical Education (In-service)	
VE 487 Internship in Vocational and Technical Education (Pre-Service)	15 quarter hours

5. At least three years compensated work experience in the technical specialty is required for those who have completed a formal postsecondary technical training program; those who have not completed the formal technical training must have completed six years compensated work experience in the technical specialty.

Bachelor of Science in Education - Instructor/Staff Development in Vocational and Technical Education

Program components for the Bachelor of Science degree with an emphasis in Vocational and Technical Education include:

1. Applicable general college requirements (p. 26).

2. Technical Training (up to 74 quarter hours maximum credit). Work experience credit may require validation by the NOCT or another comparable examination of competency.

3. **GENERAL EDUCATION REQUIREMENTS:**

English Composition	10 quarter hours
Humanities Electives (art, literature, humanities, music, religion and philosophy--from three of these areas)	20 quarter hours
Social Science Electives	10 quarter hours
Behavioral Science Elective	5 quarter hours
Science (May include one approved Computer Science elective)	15 quarter hours
Mathematics	5 quarter hours
Adult Psychology	5 quarter hours

4. **TECHNICAL TRAINING REQUIREMENTS:**
Completion of one or more of the many technical courses such as the examples listed below. Please check with representatives from Athens State for a complete list:

241E SSM Sergeant
241F SSM Pershing
251B SSM Nike
260A Nuclear Weapons
2IL20 Pershing
22L20 Nike
23N20 Nike
27E20 Wire Guided
241C SAM Hawk
22K20 Hawk
23Q20 Hawk
24J20 Hawk
24K20 Hawk
24L20 Hawk
27B20 Land Combat
27E20 Light Air Defense

5. **VOCATIONAL EDUCATION COURSES REQUIRED:**

ED 300 Foundations of Education	5 quarter hours
VE 302 Foundations of Vocational and Technical Education	5 quarter hours
VE 432 Methods of Vocational Technical Education	5 quarter hours
VE 433 Materials in Vocational Technical Education	5 quarter hours
VE 434 Occupational Analysis	5 quarter hours
VE 438 Shop Organization and Management	5 quarter hours
VE 440 Testing and Evaluation in Vocational Education	5 quarter hours
VE 446 Individualizing Instruction in the Vocational & Technical Programs	5 quarter hours
VE 483,484,485 Practicum in Teaching Voc. and Tech. Ed (Select one)	5 quarter hours

PHYSICAL EDUCATION

The Physical Education curriculum at Athens State College consists of courses which meet the requirements of the State Department of Education for Class "B" Teacher Certification for the professional programs in Physical Education (N-12). A Bachelor of Science (non-certification) degree is also offered.

Bachelor Science in Physical Education (Non-Teaching Degree)

A major in Physical Education with a Bachelor of Science Degree responds to a need to prepare professionals with expertise in fitness, sports and recreation who become employed in such areas as business, industry, service agencies, correctional institutions and hospitals.

Program components for the Bachelor of Science in Physical Education degree include:

1. Applicable general college requirements (pg. 26).

2. **GENERAL EDUCATION REQUIREMENTS:**

English Composition	10 quarter hours
Literature Survey	10 quarter hours
Economics	5 quarter hours
History	5 quarter hours
General Psychology	5 quarter hours
Humanities Elective	5 quarter hours
Biology	10 quarter hours
Physical Science	5 quarter hours
Mathematics	5 quarter hours
Speech	5 quarter hours
TOTAL GENERAL EDUCATION HOURS	65 quarter hours

3. **MAJOR REQUIREMENTS:**

Introduction to Physical Education	5 quarter hours
Personal and Community Health	5 quarter hours
Emergency First Aid	5 quarter hours
Human Anatomy and Physiology	5 quarter hours
Physical Education Activity (5 Different Activity Courses)	5 quarter hours
PE 320 Analysis of Team Sports	5 quarter hours
PE 321 Analysis of Gym/Track/Field	5 quarter hours
PE 322 Analysis of Individual Sports	5 quarter hours
PE 323 Analysis of Rhythms and Aquatics	5 quarter hours
PE 325 Kinesiology	5 quarter hours
PE 326 History and Principles of Physical Education	5 quarter hours
PE 327 Physiology of Exercise	5 quarter hours
PE 333 Care and Prevention of Athletic Injuries	5 quarter hours
PE 352 Basic CPR Instructor's Course (or advisor approved 300 or 400-level P.E. course)	5 quarter hours
PE 355 Health Related Fitness and Nutrition	5 quarter hours
PE 400 Organization and Administration of Physical Education	5 quarter hours
PE 401 Measurement and Evaluation of Physical Education	5 quarter hours
PE 431 Motor Development and Physical Activity	5 quarter hours
PS 332 Child Psychology	5 quarter hours
PS 334 Adolescent Psychology	5 quarter hours
PS 335 Adult Psychology	5 quarter hours
SO 471 Aging in a Mass Society	5 quarter hours
PE 480 Practicum in Physical Education	15 quarter hours
Four courses, 300 level or above, to be taken from the following areas: Business, psychology, sociology or computer science	20 quarter hours
TOTAL MAJOR REQUIREMENTS	145 quarter hours

TOTAL DEGREE REQUIREMENTS 210 quarter hours

A minor is not required.

Bachelor of Science in Education - Physical Education Major
N-12 Certification

Program components for the Bachelor of Science in Education degree with a major in Physical Education, N-12 certification, include:

1. Applicable general college requirements (pg. 26).

2. **GENERAL EDUCATION REQUIREMENTS:**

English Composition	10 quarter hours
Literature Survey	10 quarter hours
Economics	5 quarter hours
History	5 quarter hours
General Psychology	5 quarter hours
Social Science Elective	5 quarter hours
Human Anatomy and Physiology	5 quarter hours
Biology	5 quarter hours
Physical Science	5 quarter hours
Mathematics	5 quarter hours
Speech	5 quarter hours
Biology Elective	5 quarter hours
TOTAL GENERAL EDUCATION REQUIREMENTS	70 quarter hours

3. **PROFESSIONAL EDUCATION REQUIREMENTS:**

ED 300 Foundations of Education	5 quarter hours
ED 305 Computers and Media for Teachers	5 quarter hours
ED 333 Teaching Reading in the Content Area	5 quarter hours
ED 488 Internship in N-12 Education	15 quarter hours
PE 401 Measurement and Evaluation of Physical Education	5 quarter hours
PE 430 Teaching Physical Education in the Elementary School (Methods)	5 quarter hours
PE 440 Materials and Methods of Teaching Physical Education in High School	5 quarter hours
PS 332 Child Psychology	5 quarter hours
PS 334 Adolescent Psychology	5 quarter hours
SE 301 Introduction to the Exceptional Child	5 quarter hours
TOTAL PROFESSIONAL EDUCATION REQUIREMENTS	60 quarter hours

4. **MAJOR REQUIREMENTS:**

Introduction to Physical Education	5 quarter hours
Personal and Community Health	5 quarter hours
Emergency First Aid	5 quarter hours
Physical Education Activity (5 Different Activity Courses)	5 quarter hours
PE 320 Analysis of Team Sports	5 quarter hours
PE 321 Analysis of Gym/Track/Field	5 quarter hours
PE 322 Analysis of Individual Sports	5 quarter hours
PE 323 Analysis of Rhythms and Aquatics	5 quarter hours
PE 325 Kinesiology	5 quarter hours
PE 326 History and Principles of Physical Education	5 quarter hours
PE 327 Physiology of Exercise	5 quarter hours
PE 333 Care and Prevention of Athletic Injuries	5 quarter hours
PE 350 Adaptive Physical Education and Sports	5 quarter hours
PE 355 Health-Related Fitness and Nutrition	5 quarter hours
PE 400 Organization and Administration of Physical Education	5 quarter hours
PE 431 Motor Development and Physical Activity	5 quarter hours
TOTAL MAJOR REQUIREMENTS	80 quarter hours

TOTAL DEGREE REQUIREMENTS	210 quarter hours

A second major is not required.

SCHOOL OF HUMANITIES & SOCIAL SCIENCE

Curtis D. Coleman, D. Min., Associate Dean
of Academic Affairs

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

Curtis D. Coleman, D. Min., Associate Dean of Academic Affairs and School Head

ACADEMIC UNIT	DEPARTMENT	MAJOR OR MINOR	DEGREE OPTION B.A.	B.S.	B.S.Ed.	Minor
HUMANITIES	Art	Art	•			•
	English	English	•		•	•
		Language Arts			•	
	Music	Music				•
	Religion & Philosophy	Religion	•			•
		Religion & Philosophy	•			•
SOCIAL SCIENCE		Social Science			•	
	History	History	•		•	•
	Justice Studies	Justice Studies		•		•
	Political Science	Political Science	•	•	•	•
	Public Safety	Public Safety Adm.		•		
BEHAVIORAL SCIENCES	Psychology	Psychology	•	•		•
	Behavioral Sci.	Behavioral Science		•		
	Sociology	Sociology	•	•		•
		Liberal Studies		•		

Humanistic content and humanistic methods are emphasized in the courses constituting the Humanities discipline. Particular attention is given to the study of language, to the application of the humanities to the human environment, and to the relevance of the humanities to current conditions of national life.

The following academic departments are included within the School of Humanities and Social Sciences: Behavioral Sciences (Psychology, Sociology, Behavioral Science); Humanities (Art, English, Humanities, Music, Religion and Philosophy); Social Sciences (History, Justice Studies, Political Science, Public Safety Administration, Geography and Anthropology).

It is the student's responsibility to comply with the requirements for a particular major. Alterations of a student's curriculum are not permitted without prior approval of the faculty advisor, the department coordinator, School Head, and the Dean of Academic Affairs.

For each degree program in the School of Humanities and Social Sciences, the maximum credits allowed for each major discipline is twenty-one (21) quarter hours beyond the minimum hours specified for the major.

HUMANITIES

The Humanities department offers programs in Art, Drama, English, Music, Religion, and Philosophy. Majors leading to the Bachelor of Arts degree are offered in all disciplines except Drama and Music. Minors are offered in all disciplines. Majors are offered in English and Language Arts leading to the Bachelor of Science in Education degree.

The Humanities Department:

1. provides a knowledge base conducive to self growth and enriching experience in the visual arts.

2. provides the ability to encompass theory, practice, and interpretation of written and oral communications.

3. engages the intelligence, excites the imagination, improves scholarship and increases enjoyment of literature and language.

4. provides students with the educational foundation and research abilities that will prepare them for graduate study.

5. develops an appreciation of our cultural heritage and an understanding of our world.

Approved Humanities Electives

Only those Art, Drama, English, Humanities, Music, Religion and Philosophy courses marked by an asterisk (*) in the catalog course description will serve as the Humanities electives required for the Bachelor of Arts or the Bachelor of Science programs.

ART (AR)

The B.A. degree in art at Athens State College certifies the completion of major study in the visual arts, which has been taken as an integral part of a general liberal arts degree program. The degree implies study of depth in a number of studio and art history courses.

The self-growth of artists is a primary goal of this program. Preparation for graduate studies in visual arts for majors is another important aspect of this study. Each student will receive careful consideration of individual needs and conscientious direction in planning an appropriate avenue of study within the program. The senior majors exhibition culminates the study.

Additionally, the department offers enrichment courses for non-art majors, electives for the continued growth of artists, required art education courses and required humanities electives.

Bachelor of Arts - Art Major

1. Applicable general college requirements (p. 26).

2. A minimum of seventy-eight quarter hours of Art coursework, at least twenty-five quarter hours of which must be taken at Athens State College.

3. At least 30 hours of coursework in the major must be upper-division.

4. **GENERAL COLLEGE REQUIREMENTS:**

English Composition	10 quarter hours
Literature	10 quarter hours
History	10 quarter hours
Humanities Electives (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy)	15 quarter hours
Social Science Elective (Other than History or Religion/Philosophy)	5 quarter hours

Behavioral Science Electives	10 quarter hours
Natural Science (May include one approved Computer Science Elective)	10 quarter hours
Mathematics	5 quarter hours
TOTAL GENERAL COLLEGE HOURS:	75 quarter hours

5. **MAJOR REQUIREMENTS:**

AR 312 Figure Drawing	5 quarter hours
+ * AR 330 or AR 331 Photography I or Photography II	5 quarter hours
AR 402 Portfolio and Exhibition	1 quarter hours
AR 403 Directed Studies in Art Research	2 quarter hours
AR 418,AR 419,AR 420 Art Studio (Emphasis in Photography, Graphic Design, Painting and Drawing	15 quarter hours
AR 423 History of Modern Art	5 quarter hours
AR 424 Late Modern Art history	5 quarter hours
AR 430 Advanced Drawing and Design or AR 410 Layout and Design	5 quarter hours
Electives in Art	35 quarter hours
TOTAL HOURS IN MAJOR:	78 quarter hours

+ Students with emphasis in Photography must take AR330 and AR331. Students with the A.A. or A.S. degree and photography experience, with the permission of the instructor, may elect to skip AR330.

6. All students declaring Art as a major or minor will be required to demonstrate proficiency in drawing, design, and knowledge of Art History before being admitted to the program. A student seeking admission to the program must submit a portfolio to the department and be interviewed by the Art Faculty. If the faculty finds inadequacies in the student's preparation and does not feel that the student is adequately prepared to do Upper Division work, then remedial courses may be assigned.

7. A minor is required. Students with emphasis in Photography or Graphic Design are encouraged to consider a business minor. Electives in Marketing and Advertising are recommended and may count as art electives.

8. All students will be required to have an exhibit of their work on campus during their final quarter before graduation.

Art Minor

Art minors should notify a member of the art faculty of their intentions as soon as the art minor is declared. A minor in Art consists of thirty quarter hours of Art coursework, including the following courses or their equivalent:

AR 312 Figure Drawing	5 quarter hours
AR 423 History of Modern Art	5 quarter hours
AR 424 Late Modern Art History	5 quarter hours
AR 430 Advanced Drawing and Design or AR 410 Layout and Design	5 quarter hours

ENGLISH (EH)

English as an academic field encompasses both theory and practice in the reading and interpreting of literature as well as in written and oral communication. All courses are designed to engage the intelligence, excite the imagination, improve scholarship, and increase the enjoyment of literature and language. Appropriate transferred courses may be substituted, when so evaluated, for listed courses. It is recommended that EH 325 Myth, Ritual and Culture be taken in the course of study. HU 330, Landmarks of Civilization is recommended for Humanities elective.

Bachelor of Arts - English Major

1. Applicable general college requirements (p. 26).

2. At least sixty quarter hours of English coursework.

3. **GENERAL EDUCATION REQUIREMENTS:**
 - History 10 quarter hours
 - Humanities Electives (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy) 15 quarter hours
 - Natural Science (May include one computer science elective) 15 quarter hours
 - Social Science Elective (Other than History or Religion/Philosophy) 5 quarter hours
 - Behavioral Science Electives 10 quarter hours
 - Mathematics 5 quarter hours
 - TOTAL GENERAL EDUCATION HOURS: 60 quarter hours

4. **MAJOR REQUIREMENTS:**
 - English Composition 10 quarter hours
 - Literature Survey 10 quarter hours
 - Speech 5 quarter hours
 - EH 325 Myth, Ritual and Culture 5 quarter hours
 - EH 414 History of the English Language 5 quarter hours
 - EH 431 Poetry and Poetics 5 quarter hours

 Choose any four of the following 20 quarter hours
 - EH 304 Southern Literature
 - EH 307 Major Authors (Ancient to Renaissance)
 - EH 308 Major Authors (Renaissance to Modern)
 - EH 312 Dramatic Literature
 - EH 314 Nineteenth Century British Studies
 - EH 316 American Masterpieces
 - EH 320 Grammar for Teachers
 - EH 413 Composition Instruction for Teachers (Prospective Teachers Only)
 - EH 425 Shakespeare
 - EH 430 Literature the Healing Art
 - EH 433 Fiction
 - EH 440 African-American Studies
 - EH 450 Renaissance Literature 1550-1680
 - EH 451 Restoration and Eighteenth Century
 - EH 452 Chaucer and Medieval Literature

 TOTAL HOURS IN MAJOR: 60 quarter hours

5. A minor is required.

English Minor

A minor in English consists of thirty-five quarter hours of English coursework including the following courses or their equivalent:
- English Composition 10 quarter hours
- Literature Survey 10 quarter hours
- Electives in English 15 quarter hours

Bachelor of Science in Education - English Major

1. Applicable general college requirements (p. 26).

2. **GENERAL EDUCATION REQUIREMENTS:**

Economics	5 quarter hours
History	5 quarter hours
General Psychology	5 quarter hours
Social Science Elective	5 quarter hours
Mathematics	5 quarter hours
Science (Must include both biological and physical)	15 quarter hours
Science or Social Science Elective	5 quarter hours
* Health Education	1-4 quarter hours
* Physical Education	1-4 quarter hours
(*For a combined total of 5 quarter hours.)	
TOTAL GENERAL EDUCATION HOURS:	50 quarter hours

3. **PROFESSIONAL EDUCATION REQUIREMENTS:**

ED 300 Foundations of Education	5 quarter hours
ED 305 Computers and Media for Teachers	5 quarter hours
ED 333 Teaching Reading in the Content Area	5 quarter hours
ED 361 Measurement and Management	5 quarter hours
ED 431 Materials and Methods of Teaching in Middle School/High School	15 quarter hours
ED 486 Internship in High School Education	15 quarter hours
PS 330 Educational Psychology or PS 332 Child Psychology	5 quarter hours
PS 334 Adolescent Psychology	5 quarter hours
SE 301 Introduction to the Exceptional Child	5 quarter hours
TOTAL PROFESSIONAL EDUCATION HOURS:	~~55~~ 65 quarter hours

4. **MAJOR REQUIREMENTS:**

English Composition	10 quarter hours
Literature Survey	10 quarter hours
Speech or EH 400	5 quarter hours
EH 312 Dramatic Literature	5 quarter hours
EH 325 Myth, Ritual and Culture	5 quarter hours
EH 320 Grammar for Teachers	5 quarter hours
EH 401 Speech: Conflict Management or EH 402 Oral Interpretation in Speech & Theatre	5 quarter hours
EH 414 History of the English Language	5 quarter hours
EH 425 Shakespeare: the Sonnets and the Plays	5 quarter hours
EH 431 Poetry and Poetics	5 quarter hours
Choose one of the following	5 quarter hours

EH 304 Southern Literature
EH 307 Major Authors (Ancient to Renaissance)
EH 308 Major Authors (Renaissance through Modern)
EH 314 Nineteenth Century Studies
EH 316 American Masterpieces
EH 413 Composition for Teachers
EH 430 Literature: The Healing Art
EH 433 Fiction
EH 440 African-American Studies
EH 450 Renaissance Literature 1550-1680
EH 452 Chaucer and Medieval Literature
EH 451 Restoration and Eighteenth Century

TOTAL HOURS IN MAJOR 65 quarter hours

A second major is required. The student must satisfy any additional General Education and/or Professional Education requirements inherent to the second major which are not stated above.

For the student obtaining high school certification who wishes a middle school endorsement in English, the following courses are required:

ED 300 Foundations of Education	5 quarter hours
ED 321 Material and Methods of Teaching Language Arts	5 quarter hours
ED 413 Reading II: Materials and Methods of Teaching Reading Comprehension	5 quarter hours
ED 413C Clinical	1 quarter hours
PS 332 Child Psychology	5 quarter hours
Advisor approved courses from the State Department of Education approved program	40 quarter hours
TOTAL HOURS	61 quarter hours

NOTE: IF THE TEN-WEEK INTERNSHIP WAS NOT COMPLETED IN GRADES 7-8, AN ADDITIONAL FIVE-WEEK INTERNSHIP MUST BE COMPLETED IN THOSE GRADES.

Bachelor of Science in Education - Language Arts Major

1. Applicable general college requirements (p. 26).

2. **GENERAL EDUCATION REQUIREMENTS:**

Economics	5 quarter hours
History	5 quarter hours
General Psychology	5 quarter hours
Social Science Elective	5 quarter hours
Mathematics	5 quarter hours
Science (Must include both biological and physical)	15 quarter hours
Electives	10 quarter hours
*Health Education	1-4 quarter hours
*Physical Education	1-4 quarter hours
(*For a combined total of 5 quarter hours.)	
TOTAL GENERAL EDUCATION HOURS:	55 quarter hours

3. **PROFESSIONAL EDUCATION REQUIREMENTS:**

ED 300 Foundations of Education	5 quarter hours
ED 305 Computers and Media for Teachers	5 quarter hours
ED 333 Teaching Reading in the Content Area	5 quarter hours
ED 361 Measurement and Management	5 quarter hours
ED 431 Materials and Methods of Teaching in Middle School/High School	5 quarter hours
ED 486 Internship in High School Education	15 quarter hours
PS 330 Educational Psychology or PS 332 Child Psychology	5 quarter hours
PS 334 Adolescent Psychology	5 quarter hours
SE 301 Introduction to the Exceptional Child	5 quarter hours
TOTAL PROFESSIONAL EDUCATION HOURS:	55 quarter hours

4. **MAJOR REQUIREMENTS:**

English Composition	10 quarter hours
Literature Survey	10 quarter hours
Speech	5 quarter hours
EH 303 Journalism I	5 quarter hours
EH 311 Drama Production I	5 quarter hours
EH 312 Dramatic Literature	5 quarter hours
EH 320 Grammar for Teachers	5 quarter hours

EH 400 Speech Communication or EH 402 Oral Interpretation in Speech and Theater	5 quarter hours
EH 401 Speech: Conflict Management	5 quarter hours
EH 403 Journalism II	5 quarter hours
EH 414 History of the English Language	5 quarter hours
EH 425 Shakespeare	5 quarter hours
EH 431 Poetry and Poetics	5 quarter hours
EH 433 Fiction	5 quarter hours
Select two of the following (must include a variety)	10 quarter hours
EH 304 Southern Literature	
EH 307 Major Authors: Ancient to Renaissance	
EH 308 Major Authors: Renaissance to Modern	
EH 313 Drama Production II	
EH 314 Nineteenth Century Studies	
EH 316 American Masterpieces	
EH 325 Myth, Ritual and Culture	
EH 413 Composition for Teachers	
EH 430 Literature: The Healing Art	
EH 440 African-American Studies	
EH 450 Renaissance Literature 1550-1680	
EH 451 Restoration and Eighteenth Century	
EH 452 Chaucer and Medieval Literature	
TOTAL HOURS IN MAJOR:	90 quarter hours

A second major is not required.

For the student obtaining high school certification who wishes to add a middle school endorsement in language arts, the following courses are required:

ED 321 Materials and Methods of Teaching Language Arts	5 quarter hours
ED 300 Foundations of Education	5 quarter hours
PS 332 Child Psychology	5 quarter hours
ED 413 Reading II: Materials and Methods of Teaching Reading Comprehension	5 quarter hours
ED 413C Clinical Experience	1 quarter hour
State Board of Education approved courses from the approved teaching field for 7-12 certification. Courses must be selected from each of these areas: (English composition and literature, drama, journalism, speech)	40 quarter hours
TOTAL HOURS	61 quarter hours

NOTE: IF THE TEN-WEEK INTERNSHIP WAS NOT COMPLETED IN GRADES 7-8, AN ADDITIONAL FIVE-WEEK INTERNSHIP MUST BE COMPLETED IN THOSE GRADES.

MUSIC

The Music curriculum serves three primary objectives: (1) to offer courses and musical experiences leading to a minor for Bachelor of Arts and Bachelor of Science degree students; (2) to offer electives for students who desire music or humanities elective credit; and (3) to enrich the cultural life of the college and the community.

Music Minor

The minor in Music requires thirty quarter hours credit, at least fifteen quarter hours of which must be taken at Athens State College. The thirty hours must include the following courses or their equivalent:

MU 300/301/302 Music Theory (3 quarter hours each)	9 quarter hours

MU 304/305/306 Aural Musicianship (1 quarter hour each)	3 quarter hours
MU 321 Music Literature	5 quarter hours
Applied Music (Piano and/or Voice)	1-2 qtr. hrs. each
Music Ensemble at Athens State College each quarter (for credit or non-credit)	I qtr. hr. each

*Prospective music minors should meet with music professor for advising prior to registration for their first quarter at Athens State College.

APPLIED MUSIC
(Permission of Professor is Required)

MU 371 - O	372 - O	373 - O	Private Organ	1 quarter hour
MU 471 - O	472 - O	473 - O	Private Organ	1 quarter hour
MU 371 - P	372 - P	373 - P	Private Piano	1 quarter hour
MU 471 - P	472 - P	473 - P	Private Piano	1 quarter hour
MU 371 - V	372 - V	373 - V	Private Voice	1 quarter hour
MU 471 - V	472 - V	473 - V	Private Voice	1 quarter hour
MU 381 - O	382 - O	383 - O	Private Organ	2 quarter hour
MU 481 - O	482 - O	483 - O	Private Organ	2 quarter hour
MU 381 - P	382 - P	383 - P	Private Piano	2 quarter hour
MU 481 - P	482 - P	483 - P	Private Piano	2 quarter hour
MU 381 - V	382 - V	383 - V	Private Voice	2 quarter hour
MU 481 - V	482 - V	483 - V	Private Voice	2 quarter hour

One half-hour weekly	1 quarter hour credit
One hour lesson weekly	2 quarter hours credit

(With professor's approval, these may be repeated for credit)

MUSIC ENSEMBLE
(Except Summer)

MU 341 College Singers	1 quarter hour
MU 343 Choral Union (permission of professor required)	1 quarter hour
MU 345 Selected Chorus	1 quarter hour
MU 346 Instrumental Ensemble	1 quarter hour

RELIGION (RE) AND PHILOSOPHY (PH)

The Department of Religion and Philosophy has two basic purposes:

1. To make its courses informative and enriching for all students who wish to know more of the Judaeo-Christian tradition and other major religions of the world and who are interested in relating life to ultimate religious and philosophical concerns.

2. To give students an educational foundation that will prepare them for successful graduate study or for effective professional careers in vocations related to religion and philosophy.

Approved Humanities Electives

Only those Religion and Philosophy courses marked by an asterisk (*) will serve as Humanities electives required for the Bachelor of Arts or the Bachelor of Science degree. Additional humanities electives, also marked by an asterisk (*), appear in the Art, English and Music sections of this catalog under course descriptions.

Bachelor of Arts - Religion Major

1. Applicable general college requirements (p. 26).

2. A sixty quarter hour major, including forty quarter hours of upper division courses, twenty-five quarter hours of which must be taken at Athens State College.

3. **GENERAL EDUCATION REQUIREMENTS:**

English Composition	10 quarter hours
Literature	10 quarter hours
History	10 quarter hours
Humanities Electives (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy)	15 quarter hours
Social Science Elective (Other than History or Religion/Philosophy)	5 quarter hours
Behavioral Science Electives	10 quarter hours
Natural Science (May include one approved Computer Science Elective)	15 quarter hours
Mathematics	5 quarter hours
TOTAL GENERAL EDUCATION HOURS:	80 quarter hours

4. **MAJOR REQUIREMENTS:**

RE 301 Major Religions of the World	5 quarter hours
RE 320 Introduction to the Old Testament	5 quarter hours
RE 321 Introduction to the New Testament	5 quarter hours
RE 327 Sociology of Religion	5 quarter hours
RE 335 History of Christianity	5 quarter hours
RE 351 Christian Thought Today	5 quarter hours
RE 403 Religion in Life	5 quarter hours
RE 409 Christian Thought in Early Centuries	5 quarter hours
PH 301 Introduction to Philosophy	5 quarter hours
Electives in Religion	15 quarter hours
TOTAL HOURS IN MAJOR:	60 quarter hours

5. RE 330/331 Biblical Hebrew Grammar I and II and RE 340/341 New Testament Greek for Beginners I and II will not apply toward the major.

6. Religion courses accepted from non-accredited schools will serve only as general electives, will not apply toward Humanities or Social Science elective requirements, and will not apply toward the major.

A minor is required.

Bachelor of Arts - Religion and Philosophy Major

1. Applicable general college requirements (p. 26).

2. A forty-five quarter hour major, including forty quarter hours of upper division courses, twenty-five quarter hours of which must be taken at Athens State College. At least twenty quarter hours must be taken in each discipline.

3. **GENERAL EDUCATION REQUIREMENTS:**

English Composition	10 quarter hours
Literature	10 quarter hours
History	10 quarter hours
Humanities Electives (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy)	15 quarter hours
Social Science Elective (Other than History or Religion/Philosophy)	5 quarter hours
Behavioral Science Electives	10 quarter hours
Natural Science (May include one approved Computer Science Elective)	15 quarter hours

Mathematics	5 quarter hours
TOTAL GENERAL EDUCATION HOURS	80 quarter hours

4. MAJOR REQUIREMENTS:

PH 301 Introduction to Philosophy	5 quarter hours
PH 312 Logic	5 quarter hours
PH 321 History of Philosophy I	5 quarter hours
PH 322 History of Philosophy II	5 quarter hours
PH 325 Philosophy of Religion	5 quarter hours
RE 320 Introduction to the Old Testament	5 quarter hours
RE 321 Introduction to the New Testament	5 quarter hours
Electives in Religion	10 quarter hours
TOTAL HOURS IN MAJOR:	45 quarter hours

5. RE 330/331 Biblical Hebrew Grammar I and II and RE 340/341 New Testament Greek for Beginners I and II will not apply toward the major.

6. Religion courses accepted from non-accredited schools will serve only as general electives, will not apply toward Humanities or Social Science elective requirements, and will not apply toward the major.

A minor is required.

Religion and/or Philosophy Minor

Thirty hours of Religion and/or Philosophy coursework constitutes a minor. RE 330/331 Biblical Hebrew Grammar I and II and RE 340/341 New Testament Greek for Beginners I and II will not apply toward a minor. Religion courses accepted from non-accredited schools will serve only as general electives, will not apply toward Humanities or Social Science elective requirements, and will not apply toward the minor.

SOCIAL SCIENCES

Bachelor Science in Education - Social Science Major

The B.S.Ed. degree in social science prepares students to teach courses in history, government, geography, economics, sociology, and psychology. An interdisciplinary approach helps the student understand how the social sciences are interrelated. Most school systems want their teachers to be able to teach a variety of courses. The B.S.Ed. degree in social sciences meets this need.

1. Applicable general college requirements (p. 26).

2. GENERAL EDUCATION REQUIREMENTS:

English Composition	10 quarter hours
Literature Survey	10 quarter hours
General Psychology	5 quarter hours
Mathematics	5 quarter hours
Science (Must include both biological and physical)	15 quarter hours
Speech	5 quarter hours
* Health Education	1-4 quarter hours
* Physical Education	1-4 quarter hours
(*For a combined total of 5 quarter hours.)	
TOTAL GENERAL EDUCATION HOURS:	55 quarter hours

3. **PROFESSIONAL EDUCATION REQUIREMENTS:**

ED 300 Foundations of Education	5 quarter hours
ED 305 Computer and Media for Teachers	5 quarter hours
ED 333 Teaching Reading in the Content Area	5 quarter hours
ED 361 Measurement and Management	5 quarter hours
ED 431 Materials and Methods of Teaching in Middle School/High School	5 quarter hours
ED 486 Internship in High School Education	15 quarter hours
PS 330 Educational Psychology or PS 332 Child Psychology	5 quarter hours
PS 334 Adolescent Psychology	5 quarter hours
SE 301 Introduction to the Exceptional Child	5 quarter hours
TOTAL PROFESSIONAL EDUCATION HOURS:	55 quarter hours

4. **MAJOR REQUIREMENTS:**

American History	10 quarter hours
Western Civilization or HU330 Landmarks of Civilization	10 quarter hours
SS 301 Social Science Research Methods	5 quarter hours
EC 310 Modern Economics	5 quarter hours
EC 320 Introduction to International Commerce	5 quarter hours
GO 309 World Regional Geography	5 quarter hours
GO 311 Economic Geography	5 quarter hours
GO Elective	5 quarter hours
SO 351 Political Sociology	5 quarter hours
PO 302 Problems of American Government	5 quarter hours
HY 302 Alabama History	5 quarter hours
HY 304 Colonial and Revolutionary America	5 quarter hours
One of the following:	5 quarter hours
HY 305 Nineteenth Century America	
HY 306 Twentieth Century America	
One of the following:	5 quarter hours
HY 312 Eighteenth Century Europe	
HY 313 Revolutionary Europe	
HY 314 Nineteenth Century Europe	
HY 315 Twentieth Century Europe	
One of the following:	5 quarter hours
PO 303 Comparative State and Urban Government	
PO 305 Alabama Government	
One of the following:	5 quarter hours
SO 461 Sociological Theories	
Introduction to Sociology	
An approved elective	
One of the following:	5 quarter hours
PO 308 America and the World	
PO 453 International Politics	
TOTAL HOURS IN MAJOR	95 quarter hours

A second major is not required.

A student obtaining high school certification who wishes to add a middle school endorsement in social science must take the following courses:

ED 300 Foundations of Education	5 quarter hours
ED 413 Reading II: Materials and Methods of Teaching Reading Comprehension	5 quarter hours
ED 413C Clinical Experience	1 quarter hour
ED 423 Materials and Methods of Teaching Social Science	5 quarter hours
ED 423F Field Experience	1 quarter hour

PS 332 Child Psychology 5 quarter hours
State Board of Education approved courses from the approved teaching field for 7-12 certification must be selected from each of these areas: (economics, geography, history, political science, sociology or anthropology) 40 quarter hours
TOTAL 62 quarter hours

NOTE: IF THE TEN-WEEK INTERNSHIP WAS NOT COMPLETED IN GRADES 7-8, AN ADDITIONAL FIVE-WEEK INTERNSHIP MUST BE COMPLETED IN THOSE GRADES.

ANTHROPOLOGY (AN)

A degree in anthropology is not offered at Athens State College. Any anthropology course may be taken as a social science elective.

GEOGRAPHY (GO)

A degree in geography is not offered at Athens State College. Any geography course may be taken as a Social Science elective.

HISTORY (HY)

The history faculty seeks to develop in its students an appreciation of our cultural heritage, an understanding of the world in which we live, and an awareness of the future. It strives to develop, in its majors, the research abilities necessary for graduate work.

Through courses of interest to the non-major it makes the student aware of the cultural legacy from Europe, England, and the United States and affords an opportunity to study other areas of the world.

Bachelor of Arts - History Major

1. Applicable general college requirements (p. 26).

2. GENERAL EDUCATION REQUIREMENTS:
 English Composition 10 quarter hours
 Literature 10 quarter hours
 History 10 quarter hours
 Humanities Electives (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy) 15 quarter hours
 Social Science Elective (Other than History or Religion/Philosophy) 5 quarter hours
 Behavioral Science Electives 10 quarter hours
 Natural Science (May include one approved Computer Science Elective) 15 quarter hours
 Mathematics 5 quarter hours
 TOTAL GENERAL EDUCATION HOURS: 75 quarter hours

3. MAJOR REQUIREMENTS:
 Western Civilization 10 quarter hours
 Survey of American History 10 quarter hours
 HY/SS 301 Social Science Research Methods 5 quarter hours
 American History 15 quarter hours
 European History 15 quarter hours
 Non-Western History 10 quarter hours
 TOTAL MAJOR HOURS: 65 quarter hours

4. A minor is required.

5. The student should realize that for graduate school a reading knowledge of one or two languages is generally required.

Bachelor of Science in Education - History Major

1. Applicable general college requirements (pg. 27).

2. **GENERAL EDUCATION REQUIREMENTS:**

English Composition	10 quarter hours
Literature Survey	10 quarter hours
Economics	5 quarter hours
General Psychology	5 quarter hours
Mathematics	5 quarter hours
Science (Must include both Biological and Physical)	15 quarter hours
Speech	5 quarter hours
* Health Education	1-4 quarter hours
* Physical Education	1-4 quarter hours
(*For a combined total of 5 quarter hours.)	
TOTAL GENERAL EDUCATION HOURS:	60 quarter hours

3. **PROFESSIONAL EDUCATION REQUIREMENTS:**

ED 300 Foundations of Education	5 quarter hours
ED 305 Computers and Media for Teachers	5 quarter hours
ED 333 Teaching Reading in the Content Area	5 quarter hours
ED 361 Measurement and Management	5 quarter hours
ED 431 Materials and Methods of Teaching in Middle School/High School	5 quarter hours
ED 486 Internship in High School Education	15 quarter hours
PS 330 Educational Psychology or PS 332 Child Psychology	5 quarter hours
PS 334 Adolescent Psychology	5 quarter hours
SE 301 Introduction to the Exceptional Child	5 quarter hours
TOTAL PROFESSIONAL EDUCATION HOURS:	55 quarter hours

4. **MAJOR REQUIREMENTS:**

American History	10 quarter hours
Western Civilization or HU 330 Landmarks of Civilization	10 quarter hours
SS/HY 301 Social Science Research Methods	5 quarter hours
HY 302 Alabama History	5 quarter hours
American History (advisor approved)	10 quarter hours
European History (advisor approved)	10 quarter hours
TOTAL HOURS IN MAJOR:	50 quarter hours

A second major is required. The student must satisfy any additional General Education and/or Professional Education requirements inherent to the second major which are not stated above.

A minor is not required.

For the student obtaining high school certification who wishes a middle school endorsement in history, the following courses are required:

ED 300 Foundations of Education	5 quarter hours
ED 413 Reading II: Materials and Methods of Teaching Reading Comprehension	5 quarter hours

ED 413C Clinical Experience	1 quarter hour
ED 423 Materials and Methods of Teaching Social Science	5 quarter hours
ED 423F Field Experience	1 quarter hour
PS 332 Child Psychology	5 quarter hours
Advisor approved courses from the State Department of Education approved program	40 quarter hours
TOTAL	62 quarter hours

NOTE: IF THE TEN-WEEK INTERNSHIP AS NOT COMPLETED IN GRADES 7-8, AN ADDITIONAL FIVE-WEEK INTERNSHIP MUST BE COMPLETED IN THOSE GRADES.

HISTORY MINOR

History is an approved area of study for a minor. The student must complete at least thirty quarter hours of History distributed as follows:

American History	10 quarter hours
European History	10 quarter hours
Non-Western History	5 quarter hours
History Elective	5 quarter hours

JUSTICE STUDIES (JS)

(Justice Studies and the JS course prefix replace Criminal Justice and the CJ course prefix in previous catalogs.)

The Justice Studies program is planned to present and enhance student opportunities in the criminal justice field relating to a wide range of professions involved with criminal law-related institutions. These opportunities include professional roles in law enforcement and correctional administration, security positions in private industry, judicial administration, and probation and parole. Justice Studies is also an acceptable pre-law curriculum for most law schools.

Students pursuing degrees in Justice Studies will be able to apply knowledge attained about criminal law and processes, theoretical concepts of crime causation and control, and will acquire competency in reading and understanding research regarding management practices and policymaking within criminal justice agencies. Justice Studies students will have the opportunity to apply technical knowledge of criminal justice agencies and processes, and administrative skills in an internship which allows for varied learning experiences in actual agency settings.

Bachelor of Science - Justice Studies Major

Program components of the Bachelor of Science in Justice Studies Major include the following:

1. Applicable general college requirements (p. 26).

2. **GENERAL EDUCATION REQUIREMENTS:**

English Composition	10 quarter hours
Humanities Electives (must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy)	20 quarter hours
Social Science Electives	10 quarter hours
Behavioral Science Electives	10 quarter hours
Natural Science (May include one approved Computer Science Elective)	15 quarter hours
Mathematics (College algebra or equivalent)	5 quarter hours
TOTAL HOURS IN GENERAL EDUCATION	70 quarter hours

3. MAJOR REQUIREMENTS:

JS 300 Criminal Justice System	5 quarter hours
JS 301 Criminal Justice Process	5 quarter hours
JS 302 Criminal Law	5 quarter hours
PSA 377 Public Administration	5 quarter hours
JS 400 Law Enforcement in America	5 quarter hours
JS 452 Advanced Criminology	5 quarter hours
JS 465 Criminal Justice Practicum (Internship)	5 quarter hours
Justice Studies Electives	15 quarter hours
TOTAL HOURS IN MAJOR:	50 quarter hours

4. A minor is not required.

5. Free electives (Must include no more than 21 quarter hours in Justice Studies)

6. TOTAL MINIMUM HOURS FOR DEGREE 192 quarter hours

Justice Studies Minor

A minor in Justice Studies requires the completion of thirty quarter hours of coursework to consist of the following:

JS 300 Criminal Justice System	5 quarter hours
JS 301 Criminal Justice Process	5 quarter hours
JS 302 Criminal Law	5 quarter hours
JS 452 Advanced Criminology	5 quarter hours
Justice Studies electives	10 quarter hours

POLITICAL SCIENCE (PO)

Political Science prepares students for careers in law, teaching, and public administration. Political science majors have also pursued careers in business and journalism.

The student preparing to enter law school, graduate school or government service should consider the Bachelor of Arts degree with a major in Political Science.The Bachelor of Science degree does not require a minor. The Bachelor of Science in Education degree is available to students who want to teach government in grades 7 to 12.

Bachelor of Arts - Political Science Major

1. Applicable general college requirements (p. 26).

2. GENERAL EDUCATION REQUIREMENTS:

English Composition	10 quarter hours
Literature	10 quarter hours
History	10 quarter hours
Humanities Electives (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy)	15 quarter hours
Social Science Elective (Other than History or Religion/Philosophy)	5 quarter hours
Behavioral Science Electives	10 quarter hours
Natural Science (May include one approved Computer Science Elective)	15 quarter hours
Mathematics	5 quarter hours
TOTAL GENERAL EDUCATION HOURS:	75 quarter hours

3. MAJOR REQUIREMENTS:

American Government or PO 302 Problems of American Government	5 quarter hours
PO 303 Comparative State and Urban Government or PO 351 Political Sociology	5 quarter hours
PO 307 American Constitutional Law or PO 364 Civil Liberties	5 quarter hours
PO 320 Introduction to International Commerce or PO 453 International Politics	5 quarter hours
PO 377 Public Administration	5 quarter hours
Electives in Political Science	25 quarter hours
TOTAL HOURS IN MAJOR:	50 quarter hours

4. An approved minor is required.

Bachelor of Science - Political Science Major

1. Applicable general requirements (p. 26).

2. GENERAL EDUCATION REQUIREMENTS:

English Composition	10 quarter hours
Humanities Electives (Must represent three of the following five areas: Art, Humanities, Music, Religion/Philosophy)	20 quarter hours
Social Science Electives (Other than Religion/Philosophy)	10 quarter hours
Behavioral Science Electives	10 quarter hours
Natural Sciences (May include one approved Computer Science Elective)	15 quarter hours
Mathematics	5 quarter hours
TOTAL GENERAL EDUCATION HOURS:	70 quarter hours

3. MAJOR REQUIREMENTS:

American Government or PO 302 Problems of American Government	5 quarter hours
PO 303 Comparative State and Urban Government or PO 305 Alabama Government	5 quarter hours
PO 307 American Constitutional Law or PO 351 Political Sociology	5 quarter hours
PO 320 Introduction to International Commerce or PO 453 International Politics	5 quarter hours
PO 377 Public Administration	5 quarter hours
PO 308 America and the World	5 quarter hours
Electives in Political Science	20 quarter hours
TOTAL HOURS IN MAJOR:	50 quarter hours

4. An approved minor is not required.

Bachelor of Science in Education - Political Science Major

1. Applicable general college requirements (p. 26).

2. GENERAL EDUCATION REQUIREMENTS:

English Composition	10 quarter hours
Literature Survey	10 quarter hours
Economics	5 quarter hours
Geography	5 quarter hours
History	5 quarter hours
General Psychology	5 quarter hours
Mathematics	5 quarter hours
Science (Must include both biological and physical)	15 quarter hours
Speech	5 quarter hours

* Health Education	1-4 quarter hours
* Physical Education	1-4 quarter hours
*For a combined total of 5 quarter hours.	
TOTAL GENERAL EDUCATION HOURS:	70 quarter hours

3. **PROFESSIONAL EDUCATION REQUIREMENTS:**

ED 300 Foundations of Education	5 quarter hours
ED 305 Computers and Media for Teachers	5 quarter hours
ED 333 Teaching Reading in the Content Area	5 quarter hours
ED 361 Measurement and Management	5 quarter hours
ED 431 Materials and Methods of Teaching in Middle School/High School	5 quarter hours
ED 486 Internship in High School Education	15 quarter hours
PS 330 Educational Psychology **or** PS 332 Child Psychology	5 quarter hours
PS 334 Adolescent Psychology	5 quarter hours
SE 301 Introduction to the Exceptional Child	5 quarter hours
TOTAL PROFESSIONAL EDUCATION HOURS:	55 quarter hours

4. **MAJOR REQUIREMENTS:**

PO 301 Social Science Research Methods	5 quarter hours
PO 302 Problems of American Government	5 quarter hours
PO 308 America and the World	5 quarter hours
Political Science Electives	10 quarter hours
One of the following:	5 quarter hours
PO 303 Comparative State and Urban Government	
PO 305 Alabama Government	
One of the following:	5 quarter hours
PO 307 American Constitutional Law	
PO 364 Civil Liberties	
One of the following:	5 quarter hours
PO 334 The Middle East	
PO 331 Twentieth Century Latin America	
PO 452 Comparative Political Systems	
One of the following:	5 quarter hours
PO 377 Public Administration	
PO 351 Political Sociology	
One of the following:	5 quarter hours
PO 320 Introduction to International Commerce	
PO 453 International Politics	
TOTAL HOURS IN MAJOR:	50 quarter hours

A second major is required. The student must satisfy any additional General Education and/or Professional Education requirements inherent to the second major which are not stated above.

Political Science Minor

The student seeking a minor in political science should complete thirty (30) quarter hours in political science courses. American Government, Comparative Government, and International Relations must be represented by at least one course in each area.

PUBLIC SAFETY ADMINISTRATION

The Public Safety Administration program is designed to educate and prepare individuals for management and supervisory positions requiring technical competence and leadership skills in various areas of public safety including: fire services, emergency medical services, loss prevention, and water and waste water management. Students will generally enter the program possessing a technical core of courses in their associate degree curriculum in one of the above listed areas, and the Public Safety Administration program at Athens State adds a management and administration core to the student's curriculum. The degree program is designed to meet the needs of public safety professionals, specialists, and pre-service students in these fast-growing areas.

Students pursuing degrees in Public Safety Administration will have the opportunity to demonstrate their competencies in specialized and technical public safety fields, and in management and administrative theories through a variety of situational problems and simulations involving public safety issues. The curriculum consists of several research seminars and internship experiences incorporating actual public safety agencies.

Bachelor of Science - Public Safety Administration Major

Program components of the Bachelor of Science - Public Safety Administration Major - include the following:

1. Applicable general college requirements (p. 26).

2. **GENERAL EDUCATION REQUIREMENTS:**

English Composition	10 quarter hours
Humanities (must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy)	20 quarter hours
Social Science	10 quarter hours
Behavioral Science	10 quarter hours
Natural Science	15 quarter hours
Math (College Algebra or its equivalent)	5 quarter hours
TOTAL HOURS IN GENERAL EDUCATION	70 quarter hours

3. **TECHNICAL CORE:**
 Professional Program: Completion of Associates Degree (or equivalent) in Fire Science, Emergency Medical Service, Water Quality Management, Law Enforcement

4. **ADMINISTRATION CORE:**

AC 300 Basic Accounting	5 quarter hours
PSA 314 Legal Issues in Public Safety Administration	5 quarter hours
PSA/MG 320 Managerial Communications	5 quarter hours
PSA/MG 346 Management and Organization	5 quarter hours
PSA/MG 349 Human Resources Management	5 quarter hours
PSA/MG/PS 375 Organizational Behavior	5 quarter hours
PSA/PO 377 Public Administration	5 quarter hours
PSA 425 Strategic Management Concepts for Public Safety Management	5 quarter hours
PSA 444 Topical Seminar/Research in Public Safety	5 quarter hours
PSA 465 Practicum/Internship	5 quarter hours
TOTAL HOURS IN MAJOR:	50 quarter hours

5. A minor is not required.

6. Free electives (may include no more than 21 quarter hours in Public Safety Administration)

7. TOTAL MINIMUM HOURS FOR DEGREE 192 quarter hours

EXTRA-INSTITUTIONAL CREDIT

Students majoring in Public Safety Administration may be eligible to obtain up to a maximum of 20 quarter hours upper-division academic credit for work experience and advanced professional certifications. Academic credit may be awarded for official professional certification in a public safety field and/or work experience in a public safety supervisory/administrative position. Credit for basic certificates or credit previously awarded at another level or through another institution will not be duplicated.

Students meeting the qualifications for extra-institutional credits must register for particular courses in which the students' credentials are assessed and appropriate credits awarded. Students assume the responsibility for registering for the appropriate course credits, and for submitting to the Public Safety Administration program director all appropriate certificate copies and documentation of administrative work experiences. Students successfully documenting advanced professional skills and administrative experience will be awarded a score of P (passing) for appropriate coursework, but students must register for this coursework prior to their last quarter registration.

The particular courses for which qualified students should register are listed below with appropriate criteria.

PSA 459 Fire Company Officer (or equivalent)
Must provide a letter of appointment from agency

PSA 460 Fire Chief Officer (or equivalent)
Must provide a letter of appointment from agency

PSA 461 Public Safety Instructor
Must provide copy of certificates

PSA 462 Hazardous Materials
Technician (from senior college)
Must provide copy of certificate

PSA 463 Hazardous Material Specialist
(from senior college)
Copy of certificate

BEHAVIORAL SCIENCES

The Department of Behavioral Sciences offers majors in Psychology, Sociology, and Behavioral Science. Minors are offered in Psychology and Sociology.

Degree options include the Bachelor of Arts and Bachelor of Science. Psychology majors may complete either of these degree options. Majors in Sociology may complete either the Bachelor of Arts or the Bachelor of Science degree. Behavioral Science majors earn the Bachelor of Science degree.

For each degree program in the Department of Behavioral Sciences, the maximum credits allowed for each major discipline is twenty-one (21) quarter hours beyond the minimum hours specified for the major.

PSYCHOLOGY (PS)

Students in psychology are offered a wide variety of courses designed to provide the basic knowledge and skills which are considered to be the basic foundation of the field of psychology.

Students entering the program will be assigned an academic advisor during the first quarter. The student should consult the list posted outside the departmental office to determine his/her advisor. Then the student should meet his/her advisor as soon as possible to review the requirements of his/her chosen major.

During the last quarter, the student will be required to take an exit examination in psychology. At the present time, no passing score is required, but the student is encouraged to do as well as possible to help determine how much they have gained from their program of study.

Each degree program, with its requirements, is outlined below.

Bachelor of Arts - Psychology Major

This program is designed for the student who ultimately wants to earn an advanced graduate degree in psychology. The program emphasizes high academic achievement and mastery of research methodology, which should prepare the student for high scores in the GRE and admission to nationally recognized graduate programs in psychology. Before admission to this degree program, the student must have completed college algebra (or a higher level math course). After admission, the student is encouraged to take statistics and experimental psychology as soon as possible and then participate in a supervised research project. The specific objectives of this degree are to:

1. Provide a knowledge base of psychology including major theories and research findings.
2. Teach a variety of statistical, methodological, and critical thinking skills which are needed for psychological research.
3. Instill an appreciation for the ethical principles governing the field of psychology.
4. Help the student achieve the highest possible score on the Graduate Record Examination.
5. Assist the student with application to nationally recognized graduate programs in psychology.

Program components for the Bachelor of Arts - Psychology Major - include the following:

1. Applicable general college requirements (p. 26).

2. GENERAL EDUCATION REQUIREMENTS:

English Composition	10 quarter hours
Literature	10 quarter hours
History	10 quarter hours
Humanities Electives (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy)	15 quarter hours
Social Science Elective (Other than Religion/Philosophy)	5 quarter hours
Behavioral Science Electives (Must include General Psychology)	10 quarter hours
Natural Science (May include approved Computer Science Elective)	15 quarter hours
Mathematics (Must be college algebra or higher level math course)	5 quarter hours
TOTAL HOURS IN GENERAL EDUCATION	80 quarter hours

3. MAJOR REQUIREMENTS:

PS 320 Cognitive Psychology	5 quarter hours
PS 331 Social Psychology	5 quarter hours
PS 332 Child Psychology or PS 334 Adolescent Psychology	5 quarter hours
PS 336 Psychology of Learning or PS 410 History and Systems of Psychology	5 quarter hours
PS 341 Statistics in Behavioral Science	5 quarter hours

PS 352 Abnormal Psychology 5 quarter hours
PS 380 Experimental Psychology and Methodology for Behavioral Science 5 quarter hours
PS 406 Physiological Psychology 5 quarter hours
Psychology Electives (Four approved by Advisor) 20 quarter hours
TOTAL HOURS IN MAJOR 60 quarter hours

4. The student must satisfy requirements for a minor in another field. ~~25~~ 30 quarter hours

5. Electives
The student is encouraged to select electives which will prepare him/her to obtain the highest possible score on the Graduate Record Examination (GRE). Such courses would include geometry, additional literature courses, and science courses. 27 quarter hours

6. Total hours for the degree 192 quarter hours

Bachelor of Science - Psychology Major

This program is designed for the student who wants to major in psychology and have the freedom t select a broad range of electives. It provides a strong foundation in psychology and a solid general educatio background. The specific objectives of this degree program are to:

A. Provide a knowledge base of psychology including major theories and research findings.
B. Teach a variety of clinical skills which will be useful in applied settings.
C. Instill an appreciation for the ethical principles governing the field of psychology.

The requirements for this degree are:

1. Applicable general college requirements (p. 26).

2. GENERAL EDUCATION REQUIREMENTS:
English Composition 10 quarter hours
Humanities Electives (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy) 20 quarter hours
Social Science Electives (Other than Religion/Philosophy) 10 quarter hours
Behavioral Science Electives (Must include General Psychology) 10 quarter hours
Natural Sciences (May include one approved Computer Science Elective) 15 quarter hours
Mathematics (Must be Intermediate algebra or equivalent) 5 quarter hours
TOTAL HOURS IN GENERAL EDUCATION 70 quarter hours

3. MAJOR REQUIREMENTS:
PS 320 Cognitive Psychology 5 quarter hours
PS 331 Social Psychology 5 quarter hours
PS 332 Child Psychology or PS 334 Adolescent Psychology 5 quarter hours
PS 336 Psychology of Learning or
PS 410 History and Systems of Psychology 5 quarter hours
PS 341 Statistics in Behavioral Science 5 quarter hours
PS 352 Abnormal Psychology 5 quarter hours
PS 380 Experimental Psychology and Methodology for Behavioral Science 5 quarter hours
PS 406 Physiological Psychology 5 quarter hours
Psychology Electives (Four) 20 quarter hours
TOTAL HOURS IN MAJOR: 60 quarter hours

4. Free electives (May include no more than 21 quarter hours in psychology) 62 quarter hours

5. Total minimum hours for the degree 192 quarter hours

Bachelor of Science - Behavioral Science Major

This program is designed for the student who ultimately aspires to work in the area of mental health, social work, counseling, or substance abuse. It provides students the flexibility of being able to enter the work force immediately upon graduation or to enter a master's degree program in counseling or social work. The program provides a solid foundation of the basic knowledge in psychology and sociology, and provides for a concentration of courses dealing with applied and clinical aspects of the human services professions. The specific objectives of this degree are to:

1. Provide a knowledge base of psychology including major theories and research findings.
2. Teach a variety of clinical concepts and skills which will be useful in applied human services settings.
3. Instill an appreciation for the ethical principles governing the fields of psychology, social work and counseling.
4. Assist the student either locating degree related employment or being admitted to an appropriate graduate program.

The requirements for this degree are:

1. Applicable general college requirements (p.26).

2. GENERAL EDUCATION REQUIREMENTS:

English Composition	10 quarter hours
Humanities Electives (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy)	20 quarter hours
Social Science Electives (Other than Religion/Philosophy)	10 quarter hours
General Psychology and General Sociology	10 quarter hours
Natural Science (May include approved Computer Science Elective)	15 quarter hours
Mathematics (Must be Intermediate algebra or equivalent)	5 quarter hours
TOTAL HOURS IN GENERAL EDUCATION	70 quarter hours

3. MAJOR REQUIREMENTS:

Psychology Courses Required:

PS 331 Social Psychology	5 quarter hours
PS 332 Child Psychology or PS 334 Adolescent Psychology or PS 335 Adult Psychology	5 quarter hours
PS 341 Statistics in Behavioral Science	5 quarter hours
PS 352 Abnormal Psychology	5 quarter hours
PS 404 Drugs and Behavior	5 quarter hours
Psychology Elective	5 quarter hour

Sociology Courses Required:

SO 312 Majority/Minority Group Relations	5 quarter hours
SO 340 Methods of Behavioral Science Research	5 quarter hours
SO 360 Contemporary American Family	5 quarter hours
SO 361 Social Analysis	5 quarter hours
SO 362 Deviant Social Behavior	5 quarter hours
Sociology Elective	5 quarter hours
TOTAL HOURS IN MAJOR:	60 quarter hours

4. Free Electives
 The student is encouraged to select electives that would be related to work in the human services field. Such courses would include additional psychology and sociology courses (but no more than 21 quarter hours in these areas), Human Sexuality, Criminal Justice, and Human Anatomy/Physiology 62 quarter hours

5. TOTAL MINIMUM HOURS FOR DEGREE 192 quarter hours

Psychology Minor

Students who desire a minor in psychology must complete the following courses:

General Psychology	5 prerequisite
PS 320 Cognitive Psychology or PS 336 Psychology of Learning	5 quarter hours
PS 332 Child Psychology or PS 334 Adolescent Psychology	5 quarter hours
PS 352 Abnormal Psychology	5 quarter hours
PS 406 Physiological Psychology	5 quarter hours
Psychology Elective	5 quarter hours

SOCIOLOGY (SO)

The program in Sociology seeks to provide students with a comprehensive background for graduate study in sociology. For students preparing for careers in social service, probation/parole, mental health, and related areas, Sociology provides an important background knowledge base.

Specific competencies emphasized in all sociology degree programs include:

1. A knowledge base that emphasizes the knowledge, theory, and application of core sociological concepts.
2. Problem solving skills which have been formed by a sociological frame of reference.
3. The ability to collect, analyze, and interpret research data.
4. The knowledge and skill required to work in human service agencies.
5. The background and the ability to do graduate school work.

A departmental exit assessment is required of all students completing a degree in sociology.

Bachelor of Arts - Sociology Major

Program components for the Bachelor of Arts - Sociology major - include the following:

1. Applicable general college requirements (pg. 26).

2. GENERAL EDUCATION REQUIREMENTS:

English Composition	10 quarter hours
Literature	10 quarter hours
History	10 quarter hours
Humanities Electives (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy)	15 quarter hours
Social Science Elective (Other than History or Religion/Philosophy)	5 quarter hours
Behavioral Science Electives	10 quarter hours
Natural Science (May include one approved Computer Science Elective)	15 quarter hours
Mathematics (College algebra or equivalent)	5 quarter hours
TOTAL HOURS IN GENERAL EDUCATION	80 quarter hours

3. MAJOR REQUIREMENTS:
 Elective in Biology (Select one)
 Human Genetics
 Human Sexuality 5 quarter hours
 Introduction to Sociology 5 quarter hours
 SO 312 Majority/Minority Group Relations 5 quarter hours
 SO 340 Methods of Behavioral Science Research 5 quarter hours
 SO 341 Statistics in Behavioral Science 5 quarter hours
 SO 360 The Contemporary American Family 5 quarter hours
 SO 361 Social Analysis 5 quarter hours
 SO 362 Deviant Social Behavior 5 quarter hours
 SO 461 Sociological Theories 5 quarter hours
 Sociology Electives 10 quarter hours
 TOTAL HOURS IN MAJOR: 55 quarter hours

4. A minor is required.

5. Free electives (May include no more than 21 quarter hours in Sociology)

6. TOTAL MINIMUM HOURS FOR DEGREE 192 quarter hours

Bachelor of Science - Sociology Major

Program components for the Bachelor of Science - Sociology Major - include the following:

1. Applicable general college requirements (pg. 27).

2. GENERAL EDUCATION REQUIREMENTS:
 English Composition 10 quarter hours
 Humanities Electives (Must represent three of the following five areas: Art, Humanities, Music, Religion/Philosophy) 20 quarter hours
 Social Science Electives (Other than Religion/Philosophy) 10 quarter hours
 Behavioral Science Electives 10 quarter hours
 Natural Sciences (May include one approved Computer Science Elective) 15 quarter hours
 Mathematics (Must be college algebra or equivalent) 5 quarter hours
 TOTAL HOURS IN GENERAL EDUCATION 70 quarter hours

3. MAJOR REQUIREMENTS:
 Elective in Biology (Select one)
 Human Genetics
 Human Sexuality 5 quarter hours
 Introduction to Sociology 5 quarter hours
 SO 312 Majority/Minority Group Relations 5 quarter hours
 SO 340 Methods of Behavioral Science Research..... 5 quarter hours
 SO 341 Statistics in Behavioral Science 5 quarter hours
 SO 360 The Contemporary American Family 5 quarter hours
 SO 361 Social Analysis 5 quarter hours
 SO 362 Deviant Social Behavior 5 quarter hours
 SO 461 Sociological Theories 5 quarter hours
 Sociology Electives 10 quarter hours
 TOTAL HOURS IN MAJOR: 55 quarter hours

4. A minor is not required.

5. Free electives (May include no more than 21 quarter hours in Sociology)

6. TOTAL MINIMUM HOURS FOR DEGREE 192 quarter hours

SOCIOLOGY MINOR

A minor in Sociology requires the completion of thirty quarter hours of coursework to consist of the following:

SO 312 Majority/Minority Group Relations	5 quarter hours
SO 362 Deviant Social Behavior	5 quarter hours
SO 461 Sociological Theories	5 quarter hours
Sociology Electives	15 quarter hours

LIBERAL STUDIES

Bachelor of Science in Liberal Studies

The Liberal Studies program is designed to benefit students who seek progression and mobility in their educational and career goals. The program provides maximum flexibility in course selection while allowing the student to concentrate on subject matter of particular relevance.

The Liberal Studies program is also intended for those students who wish to enrich and satisfy their personal goals through non-specialized collegiate study.

While no specified major courses are required, the student must comply with all requirements for the Bachelor of Science Degree and applicable college requirements (page 27).

1. GENERAL EDUCATION REQUIREMENTS:

English Composition	10 quarter hours
Humanities Electives (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy	20 quarter hours
Social Science Electives (Other than Religion/Philosophy)	10 quarter hours
Behavioral Science Electives	10 quarter hours
Natural Science (May include one computer science)	15 quarter hours
Mathematics	5 quarter hours
TOTAL GENERAL EDUCATION HOURS	70 quarter hours

2. Free Electives 122 quarter hours

TOTAL HOURS 192 quarter hours

A minor is not permitted.

SCHOOL OF SCIENCE & MATHEMATICS

Thomas S. Jandebeur, Ph.D., Associate Dean
of Academic Affairs

SCHOOL OF SCIENCE AND MATHEMATICS

Thomas S. Jandebeur, Ph.D., Associate Dean of Academic Affairs and School Head

DEPARTMENT	DEPARTMENTAL MAJOR OR MINOR	Degree Option		
		B.S.	B.S.Ed.	Minor
BIOLOGY	Biology	•	•	•
CHEMISTRY	Chemistry	•	•	•
COMPUTER SCIENCE	Computer Science	•		•
	Computer Information Systems	•		•
MATHEMATICS	Mathemathics	•	•	•
PHYSICS	Physics	•		•
	Instrumentation Physics	•		
INSTRUMENTATION	Instrumentation	•		•
INTERDEPARTMENTAL	Comprehensive Science		•	
	Health Science	•		
	Science Management	•		

The Science and Mathematics Programs are designed to assist students in acquiring skills and competencies in the following areas:

1. Critical thinking involving analysis, evaluation, and problem solving.
2. Computer usage.
3. Written and oral communication.
4. Mathematics competence adequate for each degree program.

For each degree program in the School of Science and Mathematics, the maximum credits allowed for each major discipline is twenty-one (21) quarter hours beyond the minimum hours specified for the major.

The following academic units and their respective departments are included within the School of Science and Mathematics: Biology, Chemistry, Computer Science, Mathematics, Physics, and Instrumentation.

Both the organization of the School of Science and Mathematics by academic unit, and information relative to degree options, majors, and minors, are summarized in the preceding chart. A dot (.) is used to designate the degree option(s) for a particular major and to indicate that a department offers a minor. The summary reflects the same order used to arrange this section of the catalog. For information regarding a particular departmental major or minor, the student is referred to that department's catalog description.

Science curricula require extended course sequences. Therefore, it is imperative that Science and Mathematics majors meet with an advisor, to be assigned by the School Head, as soon as possible. It must be noted, however, that the student bears final individual responsibility for scheduling and completing all requirements for his or her degree. It is the student's responsibility to comply with the requirements for a particular major sponsored by the School of Science and Mathematics. Under no circumstances are alterations of a particular curriculum permitted without prior approval of the student's faculty advisor, the School Head, and the Dean of Academic Affairs (see Adjustment of Curriculum, p. 30 in this catalog.) To fit specific student needs, special programs may be devised which vary slightly from published requirements.

A grade point average of 2.5 in the major field must be achieved by a student majoring in any field sponsored by the School of Science and Mathematics in order to graduate.

Science and mathematics programs are designed to prepare the student for entrance into the job market or for continuing education in professional or graduate school. Departmental majors leading to the Bachelor of Science degree are offered in Biology, Chemistry, Computer Science, Mathematics, and Physics. The academic unit also sponsors a major in Health Science, and in cooperation with the School of Business offers a Science Management major and a major in Computer Information Systems. The Health Science and Science Management majors both lead to the Bachelor of Science degree. The Bachelor of Science in Education degree may be earned with majors in Biology, Chemistry, Mathematics, or Comprehensive Science.

Science and Mathematics faculty are frequently involved in various research activities. Majors are strongly encouraged to participate with their professors in such research.

Pre-medical, Pre-dental, and Para-medical students: There are no nationally approved lists of required courses for pre-medical, pre-dental, or para-medical programs. Each professional school has its own specific requirements. In general, such schools seek students who have (I) a broad general education, (2) at least three years of college, preferably a baccalaureate degree, (3) a major in any field, according to the student's interest, and (4) basic science requirements, although not science courses that duplicate professional school coursework.

At Athens State College, pre-medical, pre-dental, and para-medical students are advised to major in either Biology or Chemistry. A program of study leading to a Bachelor of Science degree, tailored to meet specific recommendations of a particular professional school, will be worked out for the student in consultation with his or her academic advisor.

BIOLOGY (BI)

The objective of the major in Biology is to provide the graduate with a comprehensive science education, encompassing standard academic courses in Biology, Chemistry, Mathematics and Physics. Courses and programs are structured to provide basic coursework applicable to (1) fields requiring a general preparation in Biology, (2) graduate and professional programs, (3) medical and related health fields, and (4) secondary school teaching.

Biology offers majors leading to the Bachelor of Science degree and to the Bachelor of Science in Education degree. A minor is also offered.

Bachelor of Science - Biology Major

Structured to prepare students for research and technical areas requiring a baccalaureate degree, this program is also designed to satisfy most graduate and/or professional school admission requirements.

Program components for the Bachelor of Science degree with a major in Biology include:

1. Applicable general college requirements (p. 26).

2. A maximum 61-63 quarter hour major, including a minimum of 36 quarter hours of upper division course work, at least 24 quarter hours of which must be taken at Athens State College. (Courses taken under the SIR agreement do not constitute upper division course work.) Directed Study/Research and/or independent study courses will not satisfy course requirements for the major or minor.

3. **GENERAL COLLEGE REQUIREMENTS:**

English Composition	10 quarter hours
Humanities Electives (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy)	20 quarter hours
Social Science Electives (Other than Religion/Philosophy)	10 quarter hours
Behavioral Science Electives	10 quarter hours
Pre-Calculus	5 quarter hours
TOTAL GENERAL EDUCATION HOURS:	55 quarter hours

4. **MAJOR REQUIREMENTS:**

* Principles of Biology	5 quarter hours
* General Botany	5 quarter hours
* General Zoology	5 quarter hours

*These courses must be completed first.

BI 401 Cell Structure and Function	6 quarter hours
BI 402 Genetics	6 quarter hours
BI 403 General Ecology	6 quarter hours

Five of the following courses:

Human Anatomy and Physiology	5 quarter hours
Microbiology	5 quarter hours
BI 411 Invertebrate Systematics and Morphology	6 quarter hours
BI 412 Invertebrate Development and Function	6 quarter hours
BI 413 Field Vertebrate Zoology	6 quarter hours
BI 414 Comparative Vertebrate Anatomy	6 quarter hours
BI 424 Animal Physiology	6 quarter hours
BI 431 Plant Systematics and Morphology	6 quarter hours
BI 432 Plant Development and Function	6 quarter hours
BI 440 Biological Research Fundamentals	6 quarter hours
TOTAL HOURS IN MAJOR:	61-63 quarter hours

6. A minor is not required.

7. The following science and mathematics courses, or their approved equivalents, are required:
 General Chemistry (CH 303,304, and 305)
 Calculus (MA 303 and 304)
 Computer Science (PASCAL, Database Programming, C, or FORTRAN)

8. For those majors who plan to attend graduate, medical, or other professional school, the following courses also should be completed:
 Physics, calculus-based (PY 301,302, and 303)
 Organic Chemistry (CH 311,312, and 313)
 Geography (BI 341, Physical Geography, or Biogeography)
 Biochemistry (CH 413)

Bachelor of Science in Education - Biology Major

1. Applicable general college requirements (p. 26).

2. A 61-63 quarter hour major, including a minimum of 36 quarter hours of upper division course work, at least 24 quarter hours of which must be taken at Athens State College. (Courses taken under the SIR agreement do not constitute upper division course work.) Directed Study/Independent Study and/or Special Topics coursework will not satisfy course requirements for the major or minor.

3. GENERAL EDUCATION REQUIREMENTS:

English Composition	10 quarter hours
Literature Survey	10 quarter hours
Economics	5 quarter hours
History	5 quarter hours
General Psychology	5 quarter hours
Social Science Elective	5 quarter hours
Pre-Calculus	5 quarter hours
Survey of Physics (GS 325 or equivalent)	5 quarter hours
Introductory Chemistry with lab or CH 301, CH 303, or equivalent	5-6 quarter hours
One of the following:	5 quarter hours
Natural or Physical Geography, World, Regional, or General Geography	
Earth Science (GS 302) or Geology	
Atmospheric Science (GS 301) or Meteorology	
Speech	5 quarter hours
*Health Education	1-4 quarter hours
*Physical Education	1-4 quarter hours
(*For a combined total of 5 quarter hours.)	
TOTAL GENERAL EDUCATION HOURS:	70-71 quarter hours

4. PROFESSIONAL EDUCATION REQUIREMENTS:

ED 300 Foundations of Education	5 quarter hours
ED 305 Computers and Media for Teachers	5 quarter hours
ED 333 Teaching Reading in the Content Area	5 quarter hours
ED 361 Measurement and Management	5 quarter hours
ED 431 Materials and Methods of Teaching in Middle School/High School	5 quarter hours
ED 486 Internship in High School Education	15 quarter hours
PS 330 Educational Psychology or PS 332 Child Psychology	5 quarter hours
PS 334 Adolescent Psychology	5 quarter hours
SE 301 Introduction to the Exceptional Child	5 quarter hours
TOTAL PROFESSIONAL EDUCATION HOURS:	55 quarter hours

5. MAJOR REQUIREMENTS:

*Principles of Biology	5 quarter hours
*General Botany	5 quarter hours
*General Zoology	5 quarter hours
*These courses must be completed first.	
BI 401 Cell Structure and Function	6 quarter hours
BI 402 Genetics	6 quarter hours
BI 403 General Ecology	6 quarter hours
Five of the following courses:	
Human Anatomy and Physiology	5 quarter hours
Microbiology	5 quarter hours
BI 411 Invertebrate Systematics and Morphology	6 quarter hours
BI 412 Invertebrate Development and Function	6 quarter hours
BI 413 Field Vertebrate Zoology	6 quarter hours
BI 414 Comparative Vertebrate Anatomy	6 quarter hours
BI 424 Animal Physiology	6 quarter hours
BI 431 Plant Systematics and Morphology	6 quarter hours
BI 432 Plant Development and Function	6 quarter hours
BI 440 Biological Research Fundamentals	6 quarter hours
TOTAL HOURS IN MAJOR:	61-63 quarter hours

6. An approved second teaching major is required. The student must satisfy any additional General Education and/or Professional Education requirements inherent to the second major which are not stated above.
7. A minor is not required.

For the student obtaining high school certification who wishes to obtain a middle school endorsement in biology, the following courses are required:

ED 300 Foundations of Education	5 quarter hours
ED 413 Reading II: Materials and Methods of Teaching Reading Comprehension	5 quarter hours
ED 413C Clinical Experience	1 quarter hour
ED 420 Materials and Methods of Teaching Science	5 quarter hours
PS 332 Child Psychology	5 quarter hours
SDE approved courses from the teaching field for 7-12 certification.	40 quarter hours
TOTAL	61 quarter hours

NOTE: IF THE TEN-WEEK INTERNSHIP DID NOT INCLUDE AT LEAST FIVE WEEKS IN GRADES 7-8, AN ADDITIONAL FIVE-WEEK INTERNSHIP MUST BE COMPLETED IN THOSE GRADES.

BIOLOGY MINOR

A minor requires completion of a minimum of 33 quarter hours of biology coursework. Included are 18 quarter hours of upper division coursework, at least 12 of which must be taken at Athens State College.

The minor must include the following courses or their approved equivalents:

* Principles of Biology	5 quarter hours*
* General Botany	5 quarter hours*
* General Zoology	5 quarter hours*

(*These courses must be completed first.)

Three of the following:

BI 401 Cell Structure and Function	6 quarter hours
BI 402 Genetics	6 quarter hours
BI 403 General Ecology	6 quarter hours
BI 411 Invertebrate Systematics and Morphology	6 quarter hours
BI 412 Invertebrate Development and Function	6 quarter hours
BI 413 Field Vertebrate Zoology	6 quarter hours
BI 414 Comparative Vertebrate Anatomy	6 quarter hours
BI 424 Animal Physiology	6 quarter hours
BI 431 Plant Systematics and Morphology	6 quarter hours
BI 432 Plant Development and Function	6 quarter hours
BI 440 Biological Research Fundamentals	6 quarter hours
TOTAL HOURS	33 quarter hours

MARINE ENVIRONMENTAL SCIENCES CONSORTIUM

Athens State College is a member of the Marine Environmental Sciences Consortium, based at Dauphin Island, Alabama. This affiliation offers Athens State College students an opportunity to take courses and conduct research in estuarine and marine environments. Courses offered during the summer at Dauphin Island Sea Lab may be taken for credit at Athens State College toward a major or minor in biology or a minor in marine science. Some of the course offerings cannot be taken for biology major or minor credit, but may be taken as general elective credit. All programs of study that involve marine science courses must be approved by the MESC liaison officer. A list of summer course offerings can be obtained during the preceding Spring Quarter from the liaison officer. Active courses of undergraduate study sponsored by the Consortium are as follows:

Marine Biology for Teachers
Marine Biology
Marine Invertebrate Zoology
Marine Botany
Marine Geology
Marine Ecology
Marine Vertebrate Zoology
Coastal Ornithology
Marine Technical Methods
Coastal Geomorphology
Coastal Climatology
Commercial Marine Fisheries
Coastal Zone Management
Ocean Science
Marsh Ecology
Introduction to Oceanography

CHEMISTRY (CH)

The chemistry major may earn either the Bachelor of Science degree or the Bachelor of Science in Education degree. The Bachelor of Science degree is sufficient preparation for a career in industrial or governmental chemistry laboratories and graduate study. The Bachelor of Science in Education degree prepares the student for high school teaching. With proper electives, the chemistry major can also enter graduate degree programs in law, medical or dental school, environmental sciences, and related fields.

Bachelor of Science - Chemistry Major

Program components for the Bachelor of Science degree with a major in Chemistry include:

1. Applicable general college requirements (p. 26).

2. A maximum 84 quarter hour major; at least 36 quarter hours must be taken at Athens State College.

3. Graduate Record Examination (GRE) score filed in permanent record in the Admissions Office.

4. **GENERAL EDUCATION REQUIREMENTS:**
 English Composition 10 quarter hours
 Humanities Electives (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy) 20 quarter hours
 Social Science Electives (Other Than Religion/Philosophy) 10 quarter hours
 Behavioral Science Electives 10 quarter hours
 TOTAL GENERAL EDUCATION HOURS 50 quarter hours

5. **MAJOR COURSE REQUIREMENTS:**
 General Chemistry or CH 303,304,305 Chemistry I, II, III 15-18 quarter hours
 CH 311,312,313 Organic Chemistry 15-18 quarter hours
 CH 314,315 Polymer Science 12 quarter hours
 CH 316 Composites 5 quarter hours
 CH 324 Analytical Chemistry 6 quarter hours
 CH 430,431,432 Physical Chemistry 15-18 quarter hours
 CH 410 Instrumental Analysis 6 quarter hours
 CS 312 Computer Programming I (PASCAL) or CS 330 FORTRAN Programming .. 5 quarter hours
 General Physics (Calculus based) 15 quarter hours
 MA 303, 304 Calculus 10 quarter hours
 MA 305, 306 Intermediate Calculus 10 quarter hours
 MA 421 Differential Equations 5 quarter hours
 TOTAL HOURS IN MAJOR: 128 quarter hours

6. A minor is not required.

Bachelor of Science in Education - Chemistry Major

1. Applicable general college requirements (p. 26).

2. In addition to the requirements below, all requirements of the School of Education requirements must be met.

2. A 53-59 quarter hour major; at least four chemistry courses must be taken at Athens State College.

3. Approval of all transfer chemistry credits for advanced standing and approval of program projection by the student's chemistry advisor is required.

4. **GENERAL EDUCATION REQUIREMENTS:**

English Composition	10 quarter hours
Literature Survey	10 quarter hours
Economics	5 quarter hours
History	5 quarter hours
General Psychology	5 quarter hours
Social Science Elective	5 quarter hours
Physics I (PY 301 or equivalent)	5 quarter hours
Biology	5 quarter hours
Earth or Space Science	5 quarter hours
Speech	5 quarter hours
*Health Education	1-4 quarter hours
*Physical Education	1-4 quarter hours
(*For a combined total of 5 quarter hours.)	
TOTAL GENERAL EDUCATION HOURS:	65 quarter hours

5. **PROFESSIONAL EDUCATION REQUIREMENTS:**

ED 300 Foundations of Education	5 quarter hours
ED 305 Computers and Media for Teachers	5 quarter hours
ED 333 Teaching Reading in the Content Area	5 quarter hours
ED 361 Measurement and Management	5 quarter hours
ED 431 Materials and Methods of Teaching in Middle School/High School	5 quarter hours
ED 486 Internship in High School Education	15 quarter hours
PS 330 Educational Psychology or PS 332 Child Psychology	5 quarter hours
PS 334 Adolescent Psychology	5 quarter hours
SE 301 Introduction to the Exceptional Child	5 quarter hours
TOTAL PROFESSIONAL EDUCATION HOURS:	55 quarter hours

6. **MAJOR REQUIREMENTS:**

MA 303,304 Calculus	10 quarter hours
MA 305,306 Intermediate Calculus	10 quarter hours
General Chemistry or CH 303,304,305 Chemistry I,II,III	15-18 quarter hours
CH 311,312,313 Organic Chemistry	15-18 quarter hours
CH 324 Analytical Chemistry	6 quarter hours
CH 430 Physical Chemistry	6 quarter hours
Select one of the following:	
CH 314 Polymer Science	6 quarter hours
CH 413 Biochemistry	5 quarter hours
TOTAL HOURS IN MAJOR:	73-79 quarter hours

A second major is required. The student must satisfy any additional General Education and/or Professional Education requirements inherent to the second major which are not stated above.

Chemistry Minor

A minor in Chemistry requires:

General Chemistry	15-18 quarter hours
Upper Level Chemistry to be determined by Chemistry faculty	15-18 quarter hours
TOTAL HOURS:	30-36 quarter hours

At least fifteen quarter hours of the minor coursework must be taken at Athens State College.

COMPUTER SCIENCE (CS)

The Department of Computer Science offers courses of study leading to the degrees Bachelor of Science in Computer Science and Bachelor of Science in Computer Information Systems. The department also offers minors in both Computer Science and Computer Information Systems. Either minor may be expanded into a concentration area which can be a part of the course of studies for the major in Science Management.

Both the Computer Science (CS) and Computer Information Systems (CIS) curricula emphasize structured programming, problem solving, and software engineering. Both curricula include a significant amount of hands-on experience in the use of computers. A significant effort is made continually to maintain state-of-the-art software and hardware to support both curricula.

Courses are added, updated, or revised to ensure academic excellence and responsiveness to the requirements placed on graduates. The department is fortunate to have the assistance of several highly qualified computer professionals who serve as adjunct faculty. In addition to teaching, these faculty assist the department in maintaining courses of study which are responsive to the demands of industry and research facilities.

Each of the two curricula offered by the Computer Science Department is designed to offer its graduates the opportunity to become adequately prepared to enter a professional career or graduate school in an appropriate field related to the use of computers.

The Computer Information Systems curriculum focuses on proficiency in problem solving in a business environment. The goal is for the student to be able to fit in as a technically oriented member of a data processing management team.

The Computer Science curriculum has two options: industrial and graduate school. The industrial option is designed to prepare a student to analyze problems and design software solutions as a part of a software development team in either industry or a research laboratory. The graduate school option is designed to prepare a student to enter graduate school at any institution granting a graduate degree in computer science.

The maximum credit that may be earned in either program is 195 quarter hours, of which no more than 75 quarter hours may be in the major subject.

The Computer Science Department imposes certain restrictions on accepting computer science courses from other institutions to be applied toward CS/CIS major or minor requirements:

1. No RPG or computer applications courses will be accepted.

2. Not more than 5 quarter hours of COBOL will be accepted.

3. Not more than 5 quarter hours of FORTRAN will be accepted.
4. Introduction to Computers and Basic Programming will not be accepted as electives in CS/CIS.
5. "System Analysis and Design" courses cannot be substituted for either CS 451 or CS 452.
6. At least 10 of the elective quarter hours must be at Athens State College.
7. At least 40 of the major course hours must be at Athens State College.

Bachelor of Science - Computer Science Major

Program components for the Bachelor of Science degree with a major in Computer Science include:

1. Applicable general college requirements (p. 26).

2. **GENERAL EDUCATION REQUIREMENTS:**

English Composition	10 quarter hours
Humanities Electives (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy)	20 quarter hours
Social Science Electives	10 quarter hours
Behavioral Science Electives	10 quarter hours
TOTAL GENERAL EDUCATION HOURS:	50 quarter hours

3. **MAJOR COURSE REQUIREMENTS:**

PY 301,302,303 Physics (Calculus Based)	15 quarter hours
MA 303,304,305,306 Calculus	20 quarter hours
MA 308 Discrete Mathematics	5 quarter hours
MA 310 Matrices and Linear Algebra	5 quarter hours
MA 320 Modern Algebra	5 quarter hours
MA 421 Differential Equations	5 quarter hours
MA 423 Numerical Analysis	5 quarter hours
MA 430 Theory of Statistics and Probability	5 quarter hours
CS 309 Introduction to Digital Logic Design	5 quarter hours
CS 309L Digital Design Lab I	0 quarter hours
CS 312 Computer Programming I (Pascal)	5 quarter hours
CS 314 Computer Programming II (Introduction to Data Structures)	5 quarter hours
CS 317 "C" Programming	5 quarter hours
CS 340 Introduction to Assembly Language	5 quarter hours
CS 355 Data Organization and File Processing	5 quarter hours
CS 409 Introduction to Computer Architecture	5 quarter hours
CS 409L Digital Design Lab II	0 quarter hours
CS 414 Programming Languages	5 quarter hours
CS 415 Operating Systems	5 quarter hours
CS 451 Software Engineering I	5 quarter hours
CS 452 Software Engineering II	5 quarter hours
Approved Computer Science Electives	15 quarter hours
TOTAL HOURS IN MAJOR:	135 quarter hours

The only CIS courses that may be taken for elective credit for a CS major are CIS 420 and CIS 440. Other CIS courses will not apply towards a CS major or minor.

Students desiring to enter industry should take:
1. CS 316, CS 416, and one other elective, OR
2. CIS 420, CIS 440, OR
3. CS 330, CS 430, and one other elective, OR
4. CS 417 and two other electives.

Students desiring to attend graduate school should take the following three courses:
CS 462, CS 472, CS 474.

Bachelor of Science - Computer Information Systems Major

Program components for the Bachelor of Science degree with a major in Computer Information Systems include:

1. Applicable general college requirements (p. 26).

2. **GENERAL EDUCATION REQUIREMENTS:**

English Composition	10 quarter hours
Humanities Electives (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy)	20 quarter hours
Social Science Electives	10 quarter hours
Behavioral Science Electives	10 quarter hours
Natural Science	10 quarter hours
TOTAL GENERAL EDUCATION HOURS:	60 quarter hours

3. **MAJOR COURSE REQUIREMENTS:**

Principles of Accounting (or AC 300)	5 quarter hours
Principles of Economics (or EC 310)	5 quarter hours
EC 321 Money and Banking	5 quarter hours
FIN 350 Managerial Finance	5 quarter hours
GBA 305 Statistical Methods of Business I	5 quarter hours
MG 302 Management Information Systems	5 quarter hours
MG 346 Principles of Management	5 quarter hours
MG 405 Production and Operations Management	5 quarter hours
MK 331 Marketing Principles	5 quarter hours
MA 301 Pre-Calculus	5 quarter hours
MA 308 Discrete Mathematics	5 quarter hours
MA 309 Business Calculus	5 quarter hours
CS 301 Introduction to Computers and Computer Systems	5 quarter hours
CS 312 Computer Programming I (Pascal)	5 quarter hours
CS 314 Computer Programming II (Introduction to Data Structures)	5 quarter hours
CS 317 "C" Programming	5 quarter hours
CIS 320 COBOL Programming	5 quarter hours
CIS 325 Applied Spreadsheet	5 quarter hours
CIS 365 Database Programming	5 quarter hours
CIS 420 Advanced COBOL Programming	5 quarter hours
CIS 440 Database Systems	5 quarter hours
CS 451 Software Engineering I	5 quarter hours
CS 452 Software Engineering II	5 quarter hours
Approved Electives in either CS or CIS	20 quarter hours
TOTAL HOURS IN MAJOR:	135 quarter hours

CS electives must be chosen from the following list:
CS 309, CS 316, CS 330, CS 340, CS 355, CS 409, CS 415, CS 416, CS 417, CS 423, or CS 426

Computer Science Minor

A minor in Computer Science requires 35 quarter hours distributed in the following way:

MA 308 Discrete Mathematics	5 quarter hours
CS 309 Introduction to Digital Logic Design	5 quarter hours
CS 312 Computer Programming I (Pascal)	5 quarter hours
CS 314 Computer Programming II (Introduction to Data Structures)	5 quarter hours
CS 340 Introduction to Assembly Language	5 quarter hours
CS 414 Programming Languages	5 quarter hours
Computer Science Electives	5 quarter hours
TOTAL HOURS IN MINOR:	35 quarter hours

NOTES:

1. Math majors should substitute CS 330 FORTRAN Programming for MA 308.

2. The following CIS courses may be taken for elective credit for a CS minor:
 CIS 420 or CIS 440. Other CIS courses will not apply towards a CS minor.

3. Students desiring a concentration in Computer Science in support of the major in Science Management or similar majors should add the following courses to the list above:

CS 451 Software Engineering I	5 quarter hours
CS 452 Software Engineering II	5 quarter hours

TOTAL HOURS IN MINOR (INCLUDING 35 QUARTER HOURS ABOVE) 45 quarter hours

Computer Information Systems Minor

A minor in Computer Information Systems requires (35) quarter hours distributed in the following way:

CS 320 COBOL Programming	5 quarter hours
CS 312 Computer Programming I (Pascal)	5 quarter hours
CS 314 Computer Programming II (Introduction to Data Structures)	5 quarter hours
CIS 325 Applied Spreadsheet	5 quarter hours
CIS 365 Database Programming	5 quarter hours
Computer Science or Computer Information Systems Electives	10 quarter hours
TOTAL HOURS IN MINOR:	35 quarter hours

Students desiring a concentration in Computer Information Systems in support of a major in Science Management or a similar major must add the following two courses:

CS 451 Software Engineering I	5 quarter hours
CS 452 Software Engineering II	5 quarter hours

TOTAL HOURS IN MINOR (INCLUDING 35 QUARTER HOURS ABOVE) 45 quarter hours

MATHEMATICS (MA)

The Department of Mathematics offers majors leading to the Bachelor of Science and the Bachelor of Science in Education degrees which will prepare the graduate for scientific endeavors requiring detailed and exact scientific analysis, or for a rewarding career as a high school and/or middle school mathematics teacher. A mathematics major combined with a Computer Science minor will open many career opportunities for the graduate.

Bachelor of Science - Mathematics Major

Program components for the Bachelor of Science degree with a major in Mathematics include:

1. Applicable general college requirements (p. 26).

2. A fifty-five hour major of which at least twenty-five hours must be taken at Athens State College.

3. Graduate Record Exam (GRE) score filed in student's permanent record in Admissions Office. Students considering graduate work in mathematics should take the GRE Advanced Mathematics Examination as well.

4. Mathematics major must maintain a 2.5 G.P.A. in mathematics courses taken at Athens State College.

5. **GENERAL EDUCATION REQUIREMENTS:**

English Composition	10 quarter hours
Humanities Electives (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy)	20 quarter hours
Social Science Electives (Other than Religion/Philosophy)	10 quarter hours
Behavioral Science Electives	10 quarter hours
TOTAL GENERAL EDUCATION HOURS:	50 quarter hours

6. **MAJOR REQUIREMENTS:**

Calculus	10 quarter hours
Intermediate Calculus	10 quarter hours
*MA 320 Modern Algebra	5 quarter hours
*MA 421 Differential Equations	5 quarter hours
*MA 310 Matrices and Linear Algebra	5 quarter hours
General Chemistry (or see Option below)	15 quarter hours
General Physics (Calculus based)	15 quarter hours
BASIC, FORTRAN, or PASCAL Programming	5 quarter hours
Plus four mathematics electives (5 quarter hours each) from the following:	20 quarter hours
MA 308 Discrete Mathematics	
MA 316 Vector Analysis	
*MA 401 Complex Analysis	
MA 423 Numerical Analysis	
MA 428 Partial Differential Equations	
MA 430 Theory of Statistics and Probability I	
MA 431 Theory of Statistics and Probability II	
**MA 441 Special Topics	
MA 445 Mathematical Modeling and Simulation	
*MA 450 Advanced Calculus I	
*MA 451 Advanced Calculus II	
*MA 452 Real Analysis	
TOTAL HOURS IN MAJOR:	90 quarter hours

Option:

Instead, the student may choose 15 hours from::

MA 470 Mathematics Capstone Course	5 quarter hours
MA 471 Advanced Mathematical Software	5 quarter hours
***CS 325 Applied Spreadsheet	5 quarter hours
***CS 365 Database Programming	5 quarter hours
TOTAL HOURS	15 quarter hours

*Courses beneficial if you are planning to attend graduate school in mathematics.
**Advisor approval required.
***Cannot be used to satisfy computer science requirement.

An approved minor is required.

Bachelor of Science in Education - Mathematics Major

1. Applicable general college requirements (p. 26).

2. GENERAL EDUCATION REQUIREMENTS:

English Composition	10 quarter hours
Literature Survey	10 quarter hours
Economics	5 quarter hours
History	5 quarter hours
General Psychology	5 quarter hours
Social Science Elective	5 quarter hours
Biology	5 quarter hours
Physics Survey	5 quarter hours
Chemistry Survey	5 quarter hours
Speech	5 quarter hours
*Health Education	1-4 quarter hours
*Physical Education	1-4 quarter hours
(*For a combined total of 5 quarter hours.)	
TOTAL GENERAL EDUCATION HOURS:	65 quarter hours

3. PROFESSIONAL EDUCATION REQUIREMENTS:

ED 300 Foundations of Education	5 quarter hours
ED 305 Computers and Media for Teachers	5 quarter hours
ED 333 Teaching Reading in the Content Area	5 quarter hours
ED 361 Measurement and Management	5 quarter hours
ED 431 Materials and Methods of Teaching in Middle School/High School	5 quarter hours
ED 486 Internship in High School Education	15 quarter hours
PS 330 Educational Psychology or PS 332 Child Psychology	5 quarter hours
PS 334 Adolescent Psychology	5 quarter hours
SE 301 Introduction to the Exceptional Child	5 quarter hours
TOTAL PROFESSIONAL EDUCATION HOURS:	55 quarter hours

4. MAJOR REQUIREMENTS:

MA 303,304 Calculus	10 quarter hours
MA 305,306 Intermediate Calculus	10 quarter hours
MA 314 College Geometry	5 quarter hours
** MA 441 Special Topics	5 quarter hours
CIS 301 Introduction to Computers and Computer Systems or BASIC Programming or CS 312 Computer Programming (Pascal) or CS 330 FORTRAN Programming	5 quarter hours

Plus five mathematics electives (5 quarter hours each) from the following: 25 quarter hours
- MA 308 Discrete Mathematics
- MA 310 Matrices and Linear Algebra
- MA 316 Vector Analysis
- MA 320 Modern Algebra
- MA 401 Complex Analysis
- MA 421 Differential Equations
- MA 423 Numerical Analysis
- MA 428 Partial Differential Equations
- MA 430,431 Theory of Statistics and Probability I,II
- MA 450,451 Advanced Calculus I,II
- MA 452 Real Analysis

TOTAL HOURS IN MAJOR: 60 quarter hours

**The final examination in MA 441 will be used as the assessment instrument for the B.S.Ed. mathematics program.

Students must take at least 35 quarter hours of mathematics courses above MA 306 to fulfill the B.S.Ed. mathematics degree. At least 20 quarter hours of the required 35 quarter hours must be taken at Athens State College. All B.S.Ed. mathematics majors must maintain a 2.5 G.P.A. in mathematics courses taken at Athens State College.

A second major is not required.

For the student obtaining high school certification who wishes a middle school endorsement in mathematics, the following courses are required:

ED 300 Foundations of Education	5 quarter hours
ED 413 Reading II: Materials and Methods of Teaching Reading Comprehension	5 quarter hours
ED 413C Clinical Experience	1 quarter hour
ED 424 Materials and Methods of Teaching Mathematics in Intermediate Grades	5 quarter hours
ED 424C Clinical Experience	1 quarter hour
PS 332 Child Psychology	5 quarter hours
Advisor approved courses from the approved teaching field for 7-12 certification.	40 quarter hours
TOTAL HOURS:	62 quarter hours

NOTE: IF THE TEN-WEEK INTERNSHIP WAS NOT COMPLETED IN GRADES 7-8, AND ADDITIONAL FIVE WEEK INTERNSHIP MUST BE COMPLETED IN THOSE GRADES.

Mathematics Minor

A minor in Mathematics requires 35 quarter hours of mathematics, including 15 quarter hours of upper division coursework, at least 10 quarter hours of which must be taken at Athens State College. The following courses must be included:

Calculus	10 quarter hours
Intermediate Calculus	10 quarter hours
Differential Equations	5 quarter hours
Matrices and Linear Algebra	5 quarter hours
Upper Division Elective	5 quarter hours
TOTAL HOURS:	35 quarter hours

PHYSICS (PY)

The Physics program prepares the graduate for a career as a research laboratory physicist, for entry into a number of related fields including engineering, medicine, medical research, geology/geophysics, instrumentation, and for graduate degree programs in Physics and related disciplines.

Bachelor of Science - Physics

1. Applicable general college requirements (p .26).

2. At least 25 quarter hours of upper-division course work in the major must be taken at Athens State College.

3. PY 301,302,303 will not be credited toward the upper division requirement.

4. A minor is not required.

5. **GENERAL EDUCATION REQUIREMENTS:**

English Composition	10 quarter hours
Humanities Electives (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy)	20 quarter hours
Social Science Electives	10 quarter hours
Behavioral Science Electives	10 quarter hours
TOTAL GENERAL EDUCATION HOURS:	50 quarter hours

6. **MAJOR COURSE REQUIREMENTS:**

MA 303,304 Calculus	10 quarter hours
MA 305,306 Intermediate Calculus	10 quarter hours
MA 421 Differential Equations	5 quarter hours
MA 310 Linear Algebra or MA 316 Vector Analysis	5 quarter hours
MA 428 Partial Differential Equations	5 quarter hours
MA 401 Complex Numbers	5 quarter hours
IT 435 Instrumentation Survey	5 quarter hours
CH 303,304,305 Chemistry I, II, III	18 quarter hours
PY 301,302,303 Physics I, II, III	15 quarter hours
PY 305 Introduction to Modern Physics	5 quarter hours
PY 306 Heat and Thermodynamics	5 quarter hours
PY 308,309 Mechanics	10 quarter hours
PY 311,312 Electricity and Magnetism	10 quarter hours
PY 344 Principles of Optics	5 quarter hours
PY 415 Introductory Quantum Physics I	5 quarter hours
PY 435,436 Senior Laboratory I, II	6 quarter hours
Upper Level Physics Electives	10 quarter hours
General Electives	8 quarter hours
TOTAL HOURS IN MAJOR	142 quarter hours

Physics Minor

A minor in Physics requires 35 quarter hours of Physics including 20 quarter hours of upper division coursework, at least 15 quarter hours of which must be taken at Athens State College. Strict adherence to course prerequisites must be observed.

INSTRUMENTATION PHYSICS

The Instrumentation Physics program prepares the graduate for a career as a research laboratory physicist, with special emphasis on experimental automation, for entry into a number of experimental fields including engineering, medicine, medical research, and for graduate degree programs in physics and related disciplines.

Bachelor of Science - Instrumentation Physics (IP)

1. Applicable general college requirements (p. 26).

2. At least 25 quarter hours of upper-division course work in the major must be taken at Athens State College.

3. PY 301, 302, 303 will not be credited toward the upper division requirement.

4. A minor is not required.

5. **GENERAL EDUCATION REQUIREMENTS:**

English Composition	10 quarter hours
Humanities Electives (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy)	20 quarter hours
Social Science Electives	10 quarter hours
Behavioral Science Electives	10 quarter hours
TOTAL GENERAL EDUCATION HOURS:	50 quarter hours

6. **MAJOR COURSE REQUIREMENTS:**

MA 303,304 Calculus	10 quarter hours
MA 305,306 Intermediate Calculus	10 quarter hours
MA 421 Differential Equations	5 quarter hours
MA 310 Linear Algebra or MA 316 Vector Analysis	5 quarter hours
IT 435 Instrumentation Survey	5 quarter hours
CH 303,304,305 Chemistry I, II, III	18 quarter hours
PY 301,302,303 Physics I, II, III	15 quarter hours
PY 305 Introduction to Modern Physics	5 quarter hours
PY 306 Heat and Thermodynamics	5 quarter hours
PY 308,309 Mechanics	10 quarter hours
PY 311,312 Electricity and Magnetism	10 quarter hours
PY 410 Solid State Physics or PY 415 Introductory Quantum Physics I	5 quarter hours
IT 306 Interfacing Techniques	5 quarter hours
IT 316 Applied Digital Design I	5 quarter hours
IT 425 Introduction to Robotics	5 quarter hours
IT 440 Process Control Instrumentation	5 quarter hours
Upper Level Science Electives (Instrumentation, Chemistry, Physics, Math, or Computer Science beyond the introductory courses)	15 quarter hours
General Electives	4 quarter hours
TOTAL HOURS IN MAJOR	142 quarter hours

INSTRUMENTATION (IT)

The Instrumentation program prepares graduates for careers as instrumentation technologists in such diverse areas as data acquisition, process control, and system integration, installation, and repair for laboratories, medical facilities, as well as industries such as power generation, chemical processing, pulp and paper processing, electronic fabrication, and heavy manufacturing.

The program is intended as a terminal degree program for students who do not intend to pursue an education past the Baccalaureate level. A student who wishes to pursue a program which offers a greater level of preparation and which serves as an entry point for graduate study should consider the Bachelor of Science in Instrumentation Physics (see page 113 of this catalog).

Bachelor of Science - Instrumentation Major

Program components for the Bachelor of Science degree with a major in Instrumentation include:

1. Applicable general college requirements (p. 26).

2. **GENERAL EDUCATION REQUIREMENTS:**

English Composition	10 quarter hours
Humanities Electives (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy)	20 quarter hours
Social Science Electives (Other than Religion/Philosophy)	10 quarter hours
Behavioral Science Electives	10 quarter hours
TOTAL GENERAL EDUCATION HOURS:	50 quarter hours

3. **MAJOR COURSE REQUIREMENTS:**

Introductory Level Electronics courses (Must include: AC and DC Circuits, Semiconductor Electronics, Analog and Digital Circuits, Microprocessors Troubleshooting, Repair, Boolean Algebra)	50 quarter hours
MA 303,304 Calculus I and II	10 quarter hours
PY 301,302,303 General Physics (Calculus based)	15 quarter hours
PY 305 Introduction to Modern Physics	5 quarter hours
CH 301 Introductory Chemistry	6 quarter hours
IT 306 Interfacing Techniques	5 quarter hours
IT 307 Interfacing Projects	5 quarter hours
IT 312 Math Methods for Instrumentation	5 quarter hours
IT 316 Applied Digital Design	5 quarter hours
IT 317 Digital Design Projects	5 quarter hours
IT 400 Advanced Analog Instrumentation	5 quarter hours
IT 401 Applied Data Communications	5 quarter hours
IT 420 Electro-Optics	5 quarter hours
IT 425 Introduction to Robotics	5 quarter hours
IT 440 Process Control Instrumentation	5 quarter hours
Computer Programming Electives (Pascal, ADA, Basic, C, FORTRAN)	10 quarter hours
General Elective	1 quarter hour
TOTAL HOURS IN MAJOR:	147 quarter hours

4. At least 25 quarter hours of IT courses must be completed at Athens State College.

5. A minor is not required.

Instrumentation Minor

A minor requires the following courses, of which at least 15 quarter hours must be taken at Athens State College.

Introductory Level Electronics Courses (in areas such as AC and DC Circuits, Semiconductor Electronics, Analog and Digital Electronics, Microprocessors Repair)	20 quarter hours
MA 303,304 Calculus I, II	10 quarter hours
IT 306 Interfacing Techniques	5 quarter hours
IT 307 Interfacing Projects	5 quarter hours
IT 316 Applied Digital Design	5 quarter hours
IT 317 Digital Design Projects	5 quarter hours
IT Electives	10 quarter hours
TOTAL HOURS:	60 quarter hours

COMPREHENSIVE SCIENCE

High school science teachers may be certified in comprehensive science. Preparation for this certification requires a foundation developed by a minimum of twenty quarter hours of study in each of the following areas: biology, chemistry, physics, and earth and space science. Approval of all transfer science credits for advanced standing and approval of program projection by the student's School of Science and Mathematics advisor is required.

Once a student is enrolled at Athens State College all major requirements except Principles of Biology, General Botany, and General Zoology must be taken at Athens State College.

General objectives include: (1) giving the student exposure to a broad spectrum of science disciplines (Biology, Chemistry, Physics, General Science and Mathematics), (2) preparing students to teach survey subjects at the secondary and middle school levels, (3) developing logical scientific thought processes, and (4) developing laboratory skills complementary to each of the above disciplines.

Bachelor of Science in Education - Comprehensive Science

1. Applicable general college requirements (p. 26).

2. GENERAL EDUCATION REQUIREMENTS:

English Composition	10 quarter hours
Literature Survey	10 quarter hours
Economics	5 quarter hours
History	5 quarter hours
General Psychology	5 quarter hours
Social Science Elective	5 quarter hours
Speech	5 quarter hours
* Health Education	1-4 quarter hours
* Physical Education	1-4 quarter hours
(*For a combined total of 5 quarter hours.)	
TOTAL GENERAL EDUCATION	50 quarter hours

3. PROFESSIONAL EDUCATION REQUIREMENTS:

ED 300 Foundations of Education	5 quarter hours
ED 305 Computers and Media for Teachers	5 quarter hours
ED 333 Teaching Reading in the Content Area	5 quarter hours
ED 361 Measurement and Management	5 quarter hours

ED 431 Materials and Methods of Teaching in Middle School/High School Education 5 quarter hours
ED 486 Internship in High School Education 15 quarter hours
PS 330 Educational Psychology or PS 332 Child Psychology 5 quarter hours
PS 334 Adolescent Psychology 5 quarter hours
SE 301 Introduction to the Exceptional Child 5 quarter hours
TOTAL PROFESSIONAL EDUCATION HOURS: 55 quarter hours

4. MAJOR REQUIREMENTS:

BIOLOGY*

Principles of Biology 5 quarter hours
General Botany 5 quarter hours
General Zoology 5 quarter hours
BI 401 Cell Structure and Function 6 quarter hours

CHEMISTRY*

CH 303 Chemistry I.....5-6 quarter hours
CH 304 Chemistry II.....5-6 quarter hours
CH 305 Chemistry III..... 6 quarter hours
CH 324 Analytical Chemistry 6 quarter hours

EARTH AND SPACE SCIENCE

GS 300 Astronomy 5 quarter hours
GS 301 Atmospheric Science 5 quarter hours
GS 302 Earth Science 5 quarter hours
BI 403 General Ecology 6 quarter hours

MATHEMATICS

MA 303 Calculus I 5 quarter hours
MA 304 Calculus II 5 quarter hours
MA 305 Calculus III..... 5 quarter hours
MA 306 Calculus IV 5 quarter hours

PHYSICS

PY 301 General Physics (w/Calculus)..... 5 quarter hours
PY 302 General Physics (w/Calculus)..... 5 quarter hours
PY 303 General Physics (w/Calculus)..... 5 quarter hours
PY 305 Introduction to Modern Physics..... 5 quarter hours

*In addition, a concentration in either Biology or Chemistry to equal 36 quarter hours is required. This upper level coursework will be selected from the B.S.Ed. approved courses for either discipline.

TOTAL HOURS IN MAJOR: 118-24 quarter hours

A second major is not required.

For the student obtaining high school certification who wishes a middle school endorsement in comprehensive science the following courses are required:

ED 300 Foundations of Education 5 quarter hours
ED 413 Reading II: Materials and Methods of Teaching Reading Comprehension 5 quarter hours
ED 413C Clinical Experience..... 1 quarter hour
ED 420 Materials and Methods of Teaching Science 5 quarter hours
PS 332 Child Psychology..... 5 quarter hours
Advisor approved courses from the approved teaching field for 7-12 certification.
Courses must be selected from each of these areas: Physics, Earth and Space Science, Biology,Chemistry) 40 quarter hours
TOTAL.....61 quarter hours

NOTE: IF THE TEN-WEEK INTERNSHIP DID NOT INCLUDE AT LEAST FIVE WEEKS IN GRADES 7-8, AN ADDITIONAL FIVE-WEEK INTERNSHIP MUST BE COMPLETED IN THOSE GRADES.

HEALTH SCIENCE

Athens State College believes that the medical sciences should be augmented with general studies. The close contact that members of the medical professions have with other individuals and the concomitant need for understanding and relating to these individuals as unique human beings are bases for this liberal arts program.

The Bachelor of Science degree with a major in Health Science is a two-year program of study offered to Registered Nurses and students certified in other para-medical fields.

The following credentials will be required and should be submitted to the Athens State College Office of Admissions:

1. A transcript from the School of Nursing record.
2. Evidence of RN licensure
3. Application materials normally required of all entering students.

College work taken in addition to the School of Nursing requirements will be evaluated on its own merit for advanced standing and transfer credit. Coursework taken at an accredited college or university as part of the school of nursing requirements will be evaluated for advanced standing.

General objectives for the health science major are: (1) to allow health professionals to obtain a Bachelor's degree for professional development and/or to achieve a personal goal, (2) to allow students to tailor the major courses to his/her individual professional situation, and (3) to give the health professional a more versatile education by the addition of liberal arts courses to the technical background.

Bachelor of Science - Health Science Major

Program components for the Bachelor of Science degree with a major in Health Science include:

1. Applicable general college requirements (p. 26).

2. GENERAL EDUCATION REQUIREMENTS:

English Composition	10 quarter hours
Humanities Electives (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy)	20 quarter hours
Social Science Electives (Other than Religion/Philosophy)	10 quarter hours
Behavioral Science Electives	10 quarter hours
Natural Science (May include one approved Computer Science Elective)	10 quarter hours
Mathematics	5 quarter hours
GS 325 Survey of Physics	5 quarter hours
TOTAL GENERAL EDUCATION HOURS:	70 quarter hours

3. MAJOR COURSE REQUIREMENTS:
Major requirements may be satisfied by completing the courses specified by any regular academic department for a major in the Bachelor of Science in Education degree program. If the chosen department does not specify a major for the Bachelor of Science in Education degree program, forty quarter hours in that department chosen in conference between the student and his/her academic advisor, will satisfy the requirements.

Nursing Professionals seeking supervisory personnel management positions may wish to consider the following option:

CIS 301 Introduction to Computers	5 quarter hours
GBA 311 The Legal Environment of Business	5 quarter hours
PS 368 Industrial and Personnel Psychology	5 quarter hours
MG 346 Principles of Management	5 quarter hours
MG 349 Human Resources Management	5 quarter hours
MG 375 Organizational Behavior	5 quarter hours
Speech (or an approved Business elective)	5 quarter hours
SO 304 Sociology of Work (or an approved Business elective)	5 quarter hours

(Similar programs can be tailored to the needs of the student who has been certified in one of the paramedical fields such as dental hygiene, medical records, medical technology, health physicist, animal health technology, and others.)

TOTAL HOURS IN MAJOR 40 quarter hours

4. No less than 96 quarter hours of academic subject matter, in addition to the nursing school courses, are required for this program.

5. Maximum allowed hours will vary with each individual and must comply with general college requirements.

A minor is not required.

SCIENCE MANAGEMENT MAJOR

Athens State College offers to interested students a Bachelor of Science degree with a major in Science Management. In addition to selected Business Administration courses, the major requires a concentration of coursework in either Biology, Chemistry, Mathematics, Physics, Instrumentation, or Computer Science. The Science Management major is designed to prepare students for an M.B.A. program or for a career in a technically oriented business field. Regarding program requirements and recommended electives, the student should consult with his or her School of Science and Mathematics advisor.

Bachelor of Science - Science Management Major

Program components for the Bachelor of Science degree with a major in Science and Management include:

1. Applicable general college requirements (p. 26).

2. GENERAL EDUCATION REQUIREMENTS:

English Composition	10 quarter hours
Humanities Electives (Must represent three of the following five areas: Art, Literature, Humanities, Music, Religion/Philosophy)	20 quarter hours
Social Science Electives (Other than Religion/Philosophy)	10 quarter hours
Behavioral Science Electives	10 quarter hours
TOTAL GENERAL EDUCATION HOURS:	50 quarter hours

3. MAJOR COURSE REQUIREMENTS:

Business Administration and Accounting Course Requirements:

Principles of Accounting I and II or AC 300 Financial Accounting, and AC 301 Decision Accounting	10 quarter hours
Principles of Economics I and II	10 quarter hours
GBA 305 Statistical Methods of Business I	5 quarter hours
GBA 311 The Legal Environment of Business	5 quarter hours
MG 375 Organizational Behavior	5 quarter hours
MG 346 Principles of Management	5 quarter hours
MK 331 Marketing Principles	5 quarter hours
TOTAL BUSINESS HOURS:	45 quarter hours

Natural Science and Mathematics Course Requirements:

Calculus and Analytic Geometry	10 quarter hours
MA 308 Discrete Mathematics	5 quarter hours
MA 309 Business Calculus	5 quarter hours
Chemistry I, II, III	15-18 quarter hours
General Physics (Calculus Based)	15 quarter hours
FORTRAN or Pascal Programming	5 quarter hours
TOTAL NATURAL SCIENCE AND MATHEMATICS HOURS	58 quarter hours

4. The student must also complete one of the following concentrations of which at least twenty quarter hours must be taken at Athens State College.

Biology Concentration:

General Biology	15 quarter hours
Cell Biology	5 quarter hours
General Ecology	5 quarter hours
Genetics	5 quarter hours
Biology Electives	10 quarter hours
TOTAL HOURS IN CONCENTRATION:	40 quarter hours

Chemistry Concentration:

Organic Chemistry	15-18 quarter hours
Analytical Chemistry	6 quarter hours
Physical Chemistry	6 quarter hours
Chemistry Electives	10 quarter hours0
TOTAL HOURS IN CONCENTRATION:	37-40 quarter hours

Physics Concentration:

Intermediate Calculus	10 quarter hours
Differential Equations	5 quarter hours
Upper Level Physics Electives	25 quarter hours
TOTAL HOURS IN CONCENTRATION:	35 quarter hours

Mathematics Concentration:

Intermediate Calculus	10 quarter hours
Mathematics Electives (Upper level)	20 quarter hours
TOTAL HOURS IN CONCENTRATION:	40 quarter hours

Instrumentation Concentration:

Eight approved five (5) quarter hour courses in Instrumentation	40 quarter hours
TOTAL HOURS IN CONCENTRATION:	40 quarter hours

Computer Science Concentration:

CS 312 Computer Programming I (Pascal)	5 quarter hours
CIS 320 COBOL Programming or CS 330 FORTRAN Programming	5 quarter hours
CS 340 Introduction to Assembly Language	5 quarter hours
CIS 365 Database Programming	5 quarter hours
CS 440 Database Systems	5 quarter hours
CS 451 Software Engineering I	5 quarter hours
CS 452 Software Engineering II	5 quarter hours
Electives in Computer Science (Upper Level)	10 quarter hours
TOTAL HOURS IN CONCENTRATION:	45 quarter hours

5. A minor is not required.

COURSE DESCRIPTIONS

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Accounting (AC) Courses

AC 300 Fundamentals of Accounting. A survey of accounting concepts for non-accounting majors. 5 quarter hours

AC 321 Intermediate Accounting I. *Prerequisite: Principles of Accounting I & II or equivalent.* (Lab Fee.) A survey of the financial reporting process, a detailed study of financial statements, and an analysis of generally accepted accounting principles. 5 quarter hours

AC 322 Intermediate Accounting II. *Prerequisite: AC 321.* (Lab Fee.) An in-depth study of accounting theory applicable to the major asset categories of a business entity. 5 quarter hours

AC 323 Intermediate Accounting III. *Prerequisite: AC 322.* (Lab Fee.) A review of the application of accounting theory to liability and stockholders equity balance sheet categories, culminating with a study of special purpose financial statements. 5 quarter hours

AC 341 Governmental and Not-For-Profit Accounting. *Prerequisite: Principles of Accounting I & II.* (Lab Fee.) An introduction to fund and budgetary accounting for government and not-for-profit organizations in education, health care and social welfare agencies. 5 quarter hours

AC 361 Federal Tax Accounting. *Prerequisite: Principles of Accounting I & II.* (Lab Fee.) An overview of federal tax laws and regulations applicable to individuals and sole proprietors. 5 quarter hours

AC 371 Cost Accounting. *Prerequisite: Principles of Accounting I & II.* (Lab Fee.) An introduction to the preparation and interpretation of cost accounting data to be used by management in the twin entrepreneurial functions of planning and control. Job order, process and standard cost systems will be studied in depth. 5 quarter hours

AC 401 Auditing. *Prerequisite: AC 322.* (Lab Fee.) Auditing theory and practice, with emphasis given to the function of the audit in the certification of financial statements by an independent auditor. 5 quarter hours

AC 425 Accounting Information Systems. *Prerequisite: AC 323, and AC 371.* (Lab Fee.) Fundamentals of information systems technology, techniques, and capabilities, particularly with respect to the use of accounting information in a computer environment. 5 quarter hours

AC 431 Advanced Accounting. *Prerequisite: AC 323.* (Lab Fee.) A study of advanced accounting concepts including partnerships, foreign currency transaction, international accounting, estates and trusts, bankruptcy, and related topics. 5 quarter hours

AC 441, 442, 443, 444 Special Topics in Accounting. To be offered on occasion of student demand or need. 1-5 quarter hours

AC 460 Directed Study/Research in Accounting. To be offered on occasion of student demand or need. 1-5 quarter hours

AC 461 Federal Tax Accounting II. *Prerequisite: AC 361.* (Lab Fee.) The application of the federal income tax law as it applies to partnerships and corporations, with emphasis on the differences which exist between financial and tax accounting. 5 quarter hours

Anthropology (AN) Courses

AN 301 Principles of Cultural Anthropology. Presents the cultures of isolated societies studied by early 20th century anthropologists and the current effects of contacts and diffusions of the industrial and post-industrial societies on the formerly isolated cultures. 5 quarter hours

Art (AR) Courses

*AR 300 Drawing. An introduction to drawing techniques with emphasis upon developing drawing skills, perceptual abilities and the ability to think visually and critically. 5 quarter hours

*AR 301 Painting. (Lab fee.) An introduction to basic oil painting theory and techniques and a study of the history of painting. Museum visits and critiques will be included. 5 quarter hours

AR 309 Art for Teachers N-6. (Lab fee.) A course designed to prepare the classroom teacher in the basics of Art education theory and practice; to give the classroom teacher experience with and confidence in his or her ability to use art materials and to lead the students in art activities; to arrive at a philosophy of Art education; to learn to plan, motivate and evaluate art experiences; and to learn the relationship between the child's development and his visual representation. 5 quarter hours

AR 311 Landscape Painting and Drawing. *Prerequisite: AR 300, 301 or equivalent.* The environment as a subject for drawing and painting in a variety of media. Direct study from nature. 5 quarter hours

AR 312 Figure Drawing. *Prerequisite: AR 300 or equivalent.* (Lab fee.) Emphasis upon the human figure. 5 quarter hours

AR 313 Portrait Drawing and Painting. (Lab fee.) Using a variety of media to develop skills in portraiture. 5 quarter hours

AR 314 Painting in Water Media. Students will use transparent and opaque water color techniques and a variety of subject matter to become more proficient painters. 5 quarter hours

*AR 315 Ceramics I. (Lab fee.). An introduction to basic ceramic techniques with emphasis on hand-constructed ceramics. The course will include a study of the history of ceramics from prehistory to modern times. 5 quarter hours

AR 316 Ceramics II. *Art majors only.* (Lab fee.) Emphasis upon developing the student's skills in using the potter's wheel and in using hand-building methods to create personal forms and imagery. 5 quarter hours

AR 317 Ceramic Sculpture. (Lab fee.) An exploration of sculptural media, particularly clay and terra cotta. 5 quarter hours

AR/EH 321 Set Design. This course will cover the designing of a stage set from conception through mock-up, construction and implementation. Set(s) will be designed for actual use. Material covered will be pertinent to productions ranging from children's plays to community and college theater. Course usually runs concurrently with drama production. 5 quarter hours

*AR 330 Photography I. *Note: This course requires the student to purchase supplies in addition to the lab fee; students will need a SLR 35mm camera with adjustable f/stop, shutter speed and focus and a working internal light meter.* (Lab fee.) An exploration of basic techniques in black and white photography with emphasis upon creativity and darkroom activities. The course will include criticizing and aesthetics. 5 quarter hours

AR 331 Photography II. (Lab Fee.) *Note: This course requires the student to purchase supplies in addition to the lab fee.* Advanced theory and practice in primarily black and white photography. 5 quarter hours

*AR 340 The Visual Arts. An analysis and examination of the visual arts in terms of both stylistic development and the relationship between the visual arts and other humanistic endeavors. The development of art from pre-history to the 20th century. Students will have studio experiences and be required to make museum visits. 5 quarter hours

*Humanities elective

*AR 341 Ancient Art History. The history of art including pre-history, Egyptian, Sumerian, Assyrian, Babylonian, Persia, Early Chinese, Greek and pre-Christian Roman. 5 quarter hours

*AR 342 Medieval Art History. The history of art from the first century to the Renaissance, including Roman, Early Christian, the Dark Ages, Islamic, Byzantine Art, Romanesque and Gothic Art. 5 quarter hours

*AR 343 Renaissance Art History. The history of Art from the Early Renaissance through the first part of the 19th century including the Renaissance, Mannerism, Baroque, Neo Classicism and 19th Century Realism and Romanticism. 5 quarter hours

AR 401 Advanced Figure Drawing. ***Prerequisite: AR 312.*** (Lab fee.) A continuation of Figure Drawing, building on the techniques learned in AR 312 to create a finished product. 5 quarter hours

AR 402 Portfolio and Exhibition. ***A required course for art major.*** Advanced students will compile a professional portfolio and hang their senior exhibition. To be taken one of last two quarters of the senior year. 1 quarter hour

AR 403 Directed Studies in Art Research. To familiarize the students with the proper utilization of the basic reference books, abstracts, monographs and indexes for the purpose of college writing and research in the content area of art. 2 quarter hours

AR 408 Printmaking. Development of techniques in various print media. 5 quarter hours

AR 410 Layout and Design. ***Prerequisite: Associate Degree in Art or equivalent.*** (Lab included.) Concepts will be covered from visualizations through finished projects. Problems in composition in commercial as well as fine arts projects will be assigned. This course is designed to produce a portfolio of finished projects. 5 quarter hours

AR 418,419,420 Art Studio. ***Prerequisite: Art major/minor.*** Working with a selected professor, the student will define and explore a creative project. Student will be allowed to determine the direction of his or her own project. 5 quarter hours each

*AR 423 History of Modern Art. The post-impressionist period through 1945. 5 quarter hours

*AR 424 Late Modern Art History. 1945 to present. 5 quarter hours

AR 430 Advanced Drawing and Design. Advanced concepts in drawing and composition. 5 quarter hours

AR 441,442 Special Topics in Art. To be offered on occasion of student demand or need. 1-5 quarter hours

AR 450 Internship in Art. An internship program in which the student will receive training with a commercial enterprise relating to his or her area of experience. 1-5 quarter hours

AR 460 Special Workshops in Arts and Crafts. 1-5 quarter hours

Biology (BI) Courses

BI 321 Human Ecology. ***May not be used to fulfill B.S. or B.S.Ed. biology major requirements.*** Emphasis on biological aspects of environmental problems, integrating current legal, economic, social and technical developments. 5 quarter hours

BI 322 Human Genetics. ***May not be used to fulfill B.S. or B.S.Ed. biology major requirements.*** Presents the principles of human genetics and considers the social, cultural, and ethical implications of these principles as they are applied to the human condition. 5 quarter hours

BI 323 Human Sexuality. ***May not be used to fulfill B.S. or B.S.Ed. biology major requirements.*** A comprehensive and integrated approach to human sexuality emphasizing biological aspects. 5 quarter hours

BI 341 Natural Geography. ***May not be used to fulfill B.S. or B.S.Ed. biology major requirements.*** (Also listed as GO 341.) Presents the physical and biological aspects of geography. Designed to instill a greater appreciation and awareness of man's physical environment and of the mechanisms which control the distribution of plants and animals on our planet. Included is a six-week segment concerning the physical aspects of the atmospheric, aquatic, and terrestrial environments, and a four week segment concerning the biological aspects of geography. 5 quarter hours

BI 342 Plants and Civilization. ***May not be used to fulfill B.S. or B.S.Ed. biology major requirements.*** Presents the important role plants have played in the development of civilizations and cultures, past and present. Emphasis is placed on the origins of agriculture and domestication of plants, on the development of early irrigation and rainfall agriculture civilizations, on the importance of plants in religion, medicine, commerce, politics, and war, and on the future of plants in relation to man. 5 quarter hours

BI 401 Cell Structure and Function. ***Prerequisite: Principles of Biology, Introductory Chemistry with Lab, or CH 301 or CH 303, or equivalent or consent of instructor.*** (Laboratory included.) This course considers the molecular organization of basic cellular components, including membranes, nucleic acids, and proteins. How these elements are assembled into organelles and other cellular structures is examined. The mechanisms of enzyme and organelle function and coordination are explored. 6 quarter hours

BI 402 Genetics. ***Prerequisite: Principles of Biology, Introductory Chemistry with Lab, or CH 301, or CH 303, or equivalent or consent of instructor.*** (Laboratory included.) An up-to-date treatment of genetics within the bounds of a one-term course, emphasizing the structure, function, and regulation of genes, recombinant DNA techniques and applications, principles and patterns of Mendelian inheritance, and population genetics. 6 quarter hours

BI 403 General Ecology. ***Prerequisite: Principles of Biology; recommend General Botany and General Zoology.*** (Laboratory included.) Study of the living organisms on Earth and how they interact with one another and with their nonliving environments. These interactions are investigated at the individual, population, community, and ecosystem levels. Qualitative, quantitative, and theoretical aspects of ecology will be emphasized. 6 quarter hours

BI 411 Invertebrate Systematics and Morphology. ***Prerequisite: Principles of Biology; General Zoology.*** (Laboratory included.) Inclusive and in-depth survey of the invertebrate animals covering all phyla from the protozoa through echinoderms. Emphasis on the morphological structures characterizing each phylum, on the systematic approach taken in each phylum, and on phylogenetic relationships among the various phyla. Labs emphasize collection techniques, identifications, and proper archiving of specimens. 6 quarter hours

BI 412 Invertebrate Development and Function. ***Prerequisite: Principles of Biology; General Zoology.*** (Laboratory included.) Study of developmental and functional aspects of invertebrates. Emphasis on feeding, locomotion, respiration, excretion, defense, reproduction, development, and control. All major taxonomic groups of invertebrates will be considered. Labs emphasize structural-functional relationships. 6 quarter hours

BI 413 Field Vertebrate Zoology. ***Prerequisite: Principles of Biology; General Zoology.*** (Laboratory included.) Presents the principles of vertebrate systematic biology, factors governing distribution of vertebrates, methods used by vertebrates to solve environmental problems, reproductive physiology and behavior, and population dynamics. Special emphasis upon the collection and identification of local aquatic and terrestrial vertebrates. 6 quarter hours

BI 414 Comparative Vertebrate Anatomy. ***Prerequisite: Principles of Biology; General Zoology.*** (Laboratory included). Presents functional and comparative morphology of chordates with emphasis on developmental and evolutionary perspectives. Labs emphasize structural-functional relationships. 6 quarter hours

BI 424 Animal Physiology. ***Prerequisite: Principles of Biology; General Zoology; Introductory Chemistry with Lab for science majors, or CH 301 or CH 303 or equivalent, or consent of instructor.*** (Laboratory included.) This course examines the mechanisms of various physiological processes in animals and people at the cellular/molecular level. These processes include muscle and nerve action, signal transduction via hormones, the operation of the immune system, including the role of the HIV virus in inducing AIDS, and an examination of the processes of tumor formation and the development of cancer.
6 quarter hours

BI 431 Plant Systematics and Morphology. ***Prerequisite: Principles of Biology; General Botany.*** (Laboratory included.) Inclusive and in-depth survey of the non-vascular and vascular plants. Emphasis on the morphological structures characterizing each division, subdivision, class, and subclass of plants, on the systematic approach taken at each level of taxonomic hierarchy, and on the phylogenetic relationships among the various groups of plants. Labs emphasize collection techniques, identifications, and proper archiving of specimens. 6 quarter hours

BI 432 Plant Development and Function. ***Prerequisite: Principles of Biology; General Botany.*** (Laboratory included.) Study of the developmental and functional aspects of plant biology. Emphasis on the embryology and development, physiology, genetics, reproduction, and organismal ecology of plants. All major taxonomic groups of plants will be considered. 6 quarter hours

BI 440 Biological Research Fundamentals. ***Prerequisite: Pre-Calculus.*** (Laboratory and field exercises will be included.) Presents an integrated approach to the fundamentals of conducting biological research. Included is an introduction to biostatistics, experimental design techniques, sampling theory and application, and the use of computers for batch and real-time analyses. Research topics will be drawn from a spectrum of biological disciplines. 6 quarter hours

BI 441,442,443,444 Special Topics in Biology. To be offered on occasion of student demand or need.
1-5 quarter hours

BI 450 Research Seminar. Designed to allow B.S. and B.S.Ed. Biology majors to present the results of their laboratory or field research project to other biology majors, the faculty, and the campus at large.
1 quarter hour

BI 460 Directed Study/Research in Biology. To be offered on occasion of student demand or need.
1-5 quarter hours

Chemistry (CH) Courses

CH 301 Introductory Chemistry. ***Prerequisite: College Algebra.*** (Laboratory included.) A basic course designed for instrumentation majors. Elementary concepts of atomic theory, thermodynamics, kinetics, acids, bases, and equilibrium will be emphasized. This course will not serve as upper level chemistry for science majors nor as a substitute for general chemistry. 6 quarter hours

CH 302 Metallurgy. ***Prerequisite: CH 301 or General Chemistry.*** (Laboratory included). A study of the behavior of metals and alloys especially the refining, manufacture and testing of these materials.
5 quarter hours

CH 303,304 Chemistry I, II. (Laboratory included.) A study of chemical principles important to the student of scientific technologies. The emphasis is on inorganic chemistry to include atomic theory, the periodic table, thermochemistry, kinetics, equilibrium, phase changes, oxidation-reduction, acids and bases plus other principles with an emphasis on problem solving. Laboratory includes inorganic qualitative analysis and classical quantitative analysis. CH 303/304 and 305 may serve as the first course in chemistry for other science and math majors. 6 quarter hours each

CH 305 Chemistry III. *Prerequisite: CH 303/304.* (Laboratory included.) An introduction to organic molecules and their functional groups. Some characteristic reactions also included. This course is not a required prerequisite for CH 311 and may be omitted if the CH 311/312/313 sequence is to be taken.
6 quarter hours

CH 311,312,313 Organic Chemistry. *Prerequisite: One year of college chemistry.* (Laboratory included.) A basic study of aliphatic and aromatic compounds, their properties, preparation, and reactions with emphasis on theory and mechanisms of reaction. Laboratory includes organic qualitative analysis.
6 quarter hours each

CH 314,315 Polymer Science. *Prerequisite: CH 305 or CH 313.* (Laboratory included.) A study of the synthesis, characterization, testing and reactions of polymers. The study will include step-reaction polymerization, ionic chain reactions, free radical chain polymerization, copolymerization and inorganic polymers, in addition to the effects of additives and fillers. 6 quarter hours each

CH 316 Composites. *Prerequisite: CH 314/315.* A composite is filled or reinforced plastic or fiber with many uses, especially as a structural material. This course is a study of composites as to their manufacture, properties, uses and will include testing procedures of composites and components.5 quarter hours

CH 324 Analytical Chemistry. *Prerequisite: One year of college chemistry.* (Laboratory included.) Classical volumetric techniques in chemical analysis, modern methods of chemical separation and basic instrumentation techniques. 6 quarter hours

CH 410 Instrumental Analysis. *Prerequisite: CH 305 and CH 324.* (Laboratory included.) Theoretical and practical application of modern instrumentation to problems in analytical chemistry. Optical, electrochemical, and other instrumentation techniques are covered. 6 quarter hours

CH 413 Biochemistry. *Prerequisite: CH 305 or CH 312.* A study of proteins, carbohydrates, lipids and other important biochemical compounds and their metabolic functions. Enzyme reaction mechanisms and biological oxidations are included. 5 quarter hours

CH 430 Physical Chemistry. *Prerequisite: MA 304, CH 305, PY 301.* (Laboratory included.) PY 411 may be substituted for this course.) Chemical Thermodynamics. 6 quarter hours

CH 431,432 Physical Chemistry. *Prerequisite: CH 430.* (Laboratory included.) An application of the laws and principles of physics and mathematics to the study of phenomena and concepts such as equilibria, kinetics, molecular structure and spectroscopy. 6 quarter hours each

CH 441,442,443,444 Special Topics in Chemistry. To be offered on occasion of student demand or need.
1-5 quarter hours

CH 460 Directed Study/Research in Chemistry. To be offered on occasion of student demand or need.
1-5 quarter hours

Cooperative Education (CP) Courses

Prerequisite: A minimum overall grade point average of 2.5, approval of the Co-op Education Office. Courses must be taken in sequential order.

Parallel Plan Courses

CP 301 Co-Op Work Experience I. This is the first in a series of courses wherein students work on a part-time basis in a job directly related to their academic major. Grades will be based on the employer's evaluation of the student's productivity and content of a descriptive report submitted by the student.
2 quarter hours

CP 302 Co-op Work Experience II. The second in a series of courses wherein students work on a part-time basis in a job directly related to their academic major. Grade will be based on the employer's evaluation of student productivity and content of a descriptive report submitted by the student. 2 quarter hours

CP 303 Co-op Work Experience III. The third in a series of courses wherein students work on a part-time basis in a job directly related to their academic major. Grade will be based on the employer's evaluation of student productivity and content of a descriptive report submitted by the student. 2 quarter hours

CP 304 Co-op Work Experience IV. The fourth in a series of courses wherein students work on a part-time basis in a job directly related to their academic major. Grade will be based on the employer's evaluation of student productivity and content of a descriptive report submitted by the student. 2 quarter hours

CP 305 Co-op Work Experience V. The fifth in a series of courses wherein the students work on a part-time basis in a job directly related to their academic major. Grade will be based on the employer's evaluation of student productivity and content of a descriptive report submitted by the student. 2 quarter hours

CP 306 Co-op Work Experience VI. The last in a series of courses wherein the students work on part-time basis in a job directly related to their academic major. Grade will be based on the employer's evaluation of student productivity and content of a descriptive report submitted by the student. 2 quarter hours

Alternating Plan Courses

CP 401 Co-Op Work Experience I. The first in a series of courses wherein the student works on a full-time basis in a job related to their academic major. Grades will be based on the employer's evaluation of student productivity and content of a descriptive report submitted by the student. 3 quarter hours

CP 402 Co-Op Work Experience II. The second in a series of courses wherein the student works on a full-time basis in a job directly related to their academic major. Grades will be based on the employer's evaluation of student productivity and content of a descriptive report submitted by the student. 3 quarter hours

CP 403 Co-Op Work Experience III. The third in a series of courses wherein the student works on a full-time basis in a job directly related to their academic major. Grades will be based on the employer's evaluation of student productivity and content of a descriptive report submitted by the student. 3 quarter hours

CP 404 Co-Op Work Experience IV. The fourth in a series of courses wherein the student works on a full-time basis in a job directly related to their academic major. Grade will be based on the employer's evaluation of student productivity and content of a descriptive report submitted by the student. 3 quarter hours

Special Arranged Courses

CP 410A-L Co-Op Work Experience 1-12. A series of courses wherein the student works a minimum of 20 hours in a job directly related to their academic major. Grade will be based on the employer's evaluation of student productivity and content of a report submitted by the student. 1 quarter hour

Computer Science (CS) Courses

CS 301 Introduction to Computers and Computer Systems. (Laboratory included). A survey of the applications of computers and the impact of computers on the individual and society. A brief discussion of binary number systems and character codes. Overview of computer hardware and a description of the major components of a computer. Introduction to the concept of software life cycle and methods for structured problem solving. Lab assignments will familiarize the student with the use of the computer, typical commands to the operating system, the use of a text editor, and methods for compiling and debugging a program. ***No credit towards a major or minor in CS.*** 5 quarter hours

CS 309 Introduction to Digital Logic Design. ***Prerequisite: MA 308; Corequisite: CS 309L.*** A comprehensive introduction to Boolean Algebra and methods for designing circuits which implement Boolean expressions. Topics include: binary numbers and codes, axioms and theorems of Boolean Algebra, standard algebraic forms of Boolean expressions, the use of methods such as Karnaugh Maps and the Quine-McCluskey procedures for simplification of Boolean expressions, analysis and design of combinational and sequential circuits, register operations, and an introduction to fault tolerant design. 5 quarter hours

CS 309L Digital Design Lab I. ***Corequisite: CS 309.*** Lab experiments in the design of combinational and simple sequential circuits. Lab will meet two hours per week. Must be scheduled along with CS 309 except by students who have taken IT 316 or IT 317. 0 quarter hours

CS 312 Computer Programming I (Pascal). ***Prerequisite: College Algebra and CIS 301 or equivalent.*** (Laboratory required.) An introduction to structured programming problem solving techniques using top-down design with procedures and functions. Use of the following Pascal statements and structures: If .. Then, For, While, Repeat .. Until, Case, Arrays, Records, Strings, and Text Files. Emphasizes systematic algorithm development including as examples algorithms for basic searching and sorting. The course will require hands-on development of Pascal programs. (This course replaces CS 315.) 5 quarter hours

CS 314 Computer Programming II (Introduction to Data Structures). ***Prerequisite: CS 312.*** (Laboratory required.) A continuation of CS 312 (Pascal) with an emphasis on abstraction and software engineering techniques. Covers advanced programming and problem solving techniques including pointers and recursion. Introduction to basic data structures such as linked lists, stacks, queues, and binary trees. Introduction to advanced searching and sorting algorithms. Transfer students desiring entry into this course will be required to demonstrate proficiency in Pascal equivalent to that taught in CS 312. This course replaces CS 435 Data Structures. 5 quarter hours

CS 316 ADA Programming. ***Prerequisite: CS 314.*** (Laboratory required.) Introduction to the basic concepts of the ADA language including conceptual overview and introduction to the design rationale for the ADA programming language. Discussion of terminology, data types and the ADA data typing rules, object declarations and rules of object visibility, functions, and subprograms. A brief discussion of the concepts of data abstraction, packages, and tasks. 5 quarter hours

CS 317 "C" Programming. ***Prerequisite: CS 312 or Instructor approval.*** (Laboratory required.) Introduction to the C programming language and its use as a system's programming language. Basic data types, including numeric and bit types, basic operators, statements and control flow, pointers, and structures, use of binary and text I/O. 5 quarter hours

CIS 320 COBOL Programming. ***Prerequisite: CIS 312 or equivalent.*** (Laboratory required.) Introduces computer applications in business. Emphasizes the use of the COBOL programming language and structured programming techniques for data processing and business modeling. 5 quarter hours

CIS 325 Applied Spreadsheet. ***Prerequisite: CIS 301 or equivalent.*** (Laboratory included.) Detailed study of advanced techniques in problem solving by use of electronic spreadsheets, business graphics software and personal data management. Covers application of spreadsheet commands, file management, generating specialized reports, generating and displaying graphs that relate to both business and scientific problems. The student will gain experience in use of a number of spreadsheet tools and in choosing the spreadsheet most appropriate for a given problem. 5 quarter hours

CS 330 FORTRAN Programming. ***Prerequisite: MA 308.*** (Laboratory required.) Introduction to computer applications in scientific research. Introduction to the FORTRAN language and its use in both numerical and non-numerical applications. 5 quarter hours

CS 340 Introduction to Assembly Language. ***Prerequisite: CS 309 and CS 314.*** (Laboratory required.) An introduction to computer architecture at the assembly language level. Methods for representing data in computers, the study of the assembly language of a specific computer. Studies addressing modes, instruction formats, and control structures of a typical assembly language. Introduction to the use of an assembler. This course replaces CS 341 Micro-Assembly Language. 5 quarter hours

CS 355 Data Organization and File Processing. ***Prerequisite: CS 314.*** (Laboratory required.) Review of data structures including linked lists and binary trees. Introduction to AVL trees, B-trees, and B+-trees. Indexing, simple index structures, inverted lists, hashing, and multi-key files. Basic algorithms and data structures for modern file structures such as ISAM and VSAM. 5 quarter hours

CIS 365 Database Programming. ***Prerequisite: CIS 301 or equivalent.*** (Laboratory included.) Detailed study of advanced methodologies in problem solving by the application of relational database management systems. Covers application of various structured information processing, database construction and management, generation of specialized reports that relate to both business and scientific database management. Comparison of several database management tools such as dBase III+, Informix, and Oracle. The student will gain experience in using each of these tools and in choosing the software most appropriate for a given problem. This course replaces CS 445 Advanced DBase. 5 quarter hours

CS 401 Applied Data Communications. (Also listed as IT 401.) ***(CS students should be cautioned that this is a technical course.)*** This technical course is designed to acquaint the student with the latest data communication terminology, theory, technology, standards, and equipment. 5 quarter hours

CS 409 Introduction to Computer Architecture. ***Prerequisite: CS 340; Corequisite: CS 409L.*** A comprehensive study of the architecture of a hypothetical digital computer. The course will present an overview of computer architecture and then a detailed design of each major functional subsystem, including: memory, central processing unit (control unit and arithmetic-logic unit), Input/Output devices, and hardware for the support of the Operating System. Study of the implications of computer architecture for systems programming and Operating System design. 5 quarter hours

CS 409L Digital Design Lab II. ***Corequisite: CS 409.*** Lab experiments in the design of sequential circuits and other basic components of a CPU. Labs will meet two hours per week. This must be scheduled along with CS 409 except by students who have taken IT 317. 0 quarter hours

CS 414 Programming Languages. ***Prerequisite: CS 340.*** (Laboratory required.) This course is an in-depth study of similarities and differences of modern programming languages such as Pascal, FORTRAN, C, ADA, and LISP. Emphasis is on the implementation of basic language features and in the choice of a language most appropriate for a given problem. Programming assignments will require the use of the unique features of the various languages. This course replaces CS 335, Programming Languages. 5 quarter hours

CS 415 Operating Systems. ***Prerequisite: CS 317, CS 355, CS 409, and CS 414.*** A detailed study of the software components of an operating system and their organization. Review of computer hardware and its support of the functions of an operating system. Introduction to the concept of processes and their interaction in an operating system. Other topics include: deadlock and indefinite postponement, management of real memory, organization and management of virtual memory, scheduling of the CPU, interaction with a file system, and the management of disk drives. An introduction to operating systems security. Case studies from UNIX, MSDOS, VAX/VMS, and OS/2 5 quarter hours

CS 416 Advanced ADA Programming. ***Prerequisite: CS 316.*** (Laboratory required.) A continuation of CS 316 with emphasis on the ADA implementations of abstract data types and concurrent programming. Topics include exceptions and exception handling, the use of packages for information hiding, the use of tasks and task data types to implement concurrent programs, generic packages and how to instantiate them, representation clauses and implementation dependent features. Introduction to the MIL-STD-2167A. 5 quarter hours

CS 417 Advanced "C" Programming. ***Prerequisite: CS 317.*** (Laboratory required.) Advanced topics in C and C++ programming including the use of standard system and file manipulation functions, dynamic memory allocation, and programming the graphics interface. Methods of interfacing to assembly language routines. Introduction to object oriented programming, and programming in a windows environment. 5 quarter hours

CIS 420 Advanced COBOL Programming. ***Prerequisite: CIS 320 or CS 355.*** (Laboratory required.) Advanced COBOL features including searching, sorting, report generation, and string processing will be covered. Programs to create and update sequential, indexed, and relative files will be developed and implemented by the student. 5 quarter hours

CS 423 Computer Graphics. ***Prerequisite: CS 312 and MA 308.*** (Laboratory required.) An introduction to the basic concepts and tools of computer graphics. Discussion of graphic devices and the use of software to control them. Review of coordinate systems, vectors and matrix algebra, and transformations on pictures. Basics of drawing curves and elementary geometric figures. Windowing and clipping. Introduction to three dimensional graphics. 5 quarter hours

CS 426 Introduction to Artificial Intelligence. ***Prerequisite: CS 314 & PH 312.*** (Laboratory required.) Introduction to application areas: information-processing, robots, natural language systems and automatic programming. Includes basic methodologies and techniques, modeling and representation, problem solving, languages and systems. 5 quarter hours

CS 430 Advanced FORTRAN Programming. ***Prerequisite: CS 330.*** (Laboratory required.) This course will focus on two topics: the writing of efficient FORTRAN programs and the writing of large FORTRAN systems. Topics studied will include: the impact of the architecture and language implementation on program design, design of programs to execute on vectorized machines such as the CRAY, and the design and writing of large scientific systems. 5 quarter hours

CIS 440 Database Systems. ***Prerequisite: CS 314.*** (Laboratory required.) Introduces database systems, their utilization and implementation. Concepts studied include organization, communications, integrity and security. Relational, hierarchical and network database organizations are compared. The formal requirements of the relational model are presented. 5 quarter hours

CS 441, 442, 443, 444 Special Topics in Computer Science. Topics which may be covered are special programming languages, compilers, system design, graphics and special applications. 1-5 quarter hours

CS 451 Software Engineering I. ***Prerequisite: 15 quarter hours upper level computer science.*** The course will familiarize the student with the entire software life cycle, spanning the time from conception of the actual requirements, through the analysis, design, and development of the software. The course will study the methodology of software engineering; i.e., the analysis and comparison of methods which use sound engineering principles to develop software which is reliable, cost-effective, and easily maintainable. The course will emphasize the concept of a software development team. Students will be assigned to software development teams solving problems for users outside the computer science department. 5 quarter hours

CS 452 Software Engineering II. ***Prerequisite: CS 451.*** (Laboratory required.) A continuation of CS 451 which focuses on individual stages in the software development life cycle. Methods for analyzing user requirements and translating these into systems analysis, systems design, and finally the finished software. Software acceptance, validation, and verification including the design of acceptance tests for the software. Identification and resolution of conflicting requirements such as scheduling, hardware utilization, configuration control, and other constraints. Students will continue as members of the software development teams formed in CS 451 and finish the project begun in that course. 5 quarter hours

CS 460 Directed Study/Special Computer Science Projects. ***Prerequisite: 15 hours of upper level computer science and permission of instructor.*** This course is designed to allow students majoring in computer science to pursue special projects of interest to both the student and instructor. Projects undertaken for this course might well be continuations of projects begun in other courses. 1-5 quarter hours

CS 462 Compilers--Design and Construction. ***Prerequisite: CS 414.*** (Laboratory required.) A study of the development and implementation of a compiler. The course concentrates on areas of formal language definition, translation, execution and memory allocation, lexical analysis, syntax analysis, symbol tables, code generation and error detection. The course will include a student project to write a compiler for a subset of Pascal. This course replaces CS 416 Compilers-Design and Construction. 5 quarter hours

CS 472 Data Structures and Algorithm Analysis. ***Prerequisite: MA 308, CS 314, and one of CS 316, CS 317, or CS 355.*** (Laboratory.) An introduction to the classic methods for designing algorithms. The course will study specific problems such as sorting, graph traversals, and matrix multiplication in order to illustrate these methods. The methods studied will include: Divide and Conquer, Back-Tracking, Branch and Bound, and Dynamic Programming. A brief introduction to computational complexity. 5 quarter hours

CS 474 Introduction to Formal Language Theory. ***Prerequisite: CS 462, and MA 320).*** Formal definition of programming languages. Examples of formal grammars including methods for language parsing. Study of regular and context-free languages. Definition of automata and their relation to formal language definitions. Other topics will include the Chomsky hierarchy, Church-Turing thesis, and the theory of computability. 5 quarter hours

Economics (EC) Courses

EC 310 Modern Economics. (Also listed as SS 310.) A macro examination of the operation of modern economic systems including price determination, aggregate demand and supply theory, public policy options, and the philosophical foundations of free market and command systems. 5 quarter hours

EC 311 Economic Geography. (Also listed as GO 311.) Analysis of the origins, nature and distributions of man's economic activities throughout the world. Elementary models of economic patterns, processes, and relationships in geographic space are stressed and the relation of these factors to the present position of the nations of the world is emphasized. 5 quarter hours

EC 320 Introduction to International Commerce. (Also listed as PO 320.) Examines the international economic system and the challenges faced by multinational corporations in the conduct of international business. Special attention is given to the mechanics of importing and exporting, international finance, and private international law. 5 quarter hours

EC 321 Money and Banking. ***Prerequisite: Principles of Economics.*** (Also listed as SS 321.) A study of how money, credit, and interest rates affect the level of employment, production, and prices in the economy. Topics of study will include the Federal Reserve System, the operations of commercial banks, credit controls, the theory of interest rate determination, and recent trends in banking. 5 quarter hours

EC 441,442,443,444 Special Topics in Economics. To be offered on occasion of student demand or need. 1-5 quarter hours

EC 460 Directed Study/Research in Economics. ***(Offered at the discretion of the professor with approval of the School Head.)*** A course designed to allow students an opportunity to perform research/directed studies. 1-5 quarter hours

Education (ED) Courses

ED 300 Foundations of Education. ***Required for all teacher-education majors.*** A survey course designed for the student who expects to prepare for the teaching profession. Includes principles, history, philosophy, and trends in education. 5 quarter hours

ED 302 Language Development. An analysis of the language including phonology, syntax, and semantics with emphasis on school applications in reading, grammar, spelling, and composition. 5 quarter hours

ED 305 Computers and Media for Teachers. (Laboratory fee.) ***(Should be taken either the first or second quarter at Athens State.)*** This course is designed to assist prospective teachers to acquire knowledge of technology available to enhance the teaching of the curriculum, including the Alabama Course of Study and textbooks currently used in N-12. The focus of this course includes development of basic knowledge and skills in instructional design, selection of appropriate technology, and applications in all areas of the curriculum N-12. This course has a computer laboratory experience. 5 quarter hours

ED 310 Principles of Early Childhood Education. *(Prerequisite in Early Childhood Education. This course should be taken the first or second quarter at Athens State.)* This course is designed to provide prospective teachers of young children with the historical, theoretical, and practical issues of early childhood education. Emphasis is on early childhood philosophical and sociological foundations, facets of development, principles of learning, trends and issues, and program models. Laboratory experiences are required. 5 quarter hours

ED 312 The Child and Society. A course designed to assist prospective teachers to develop understanding and appreciations of various social and ethnic groups and their cultures including the impact of these cultural phenomena on the educative process. 5 quarter hours

ED 320 Children's Literature. A survey of current and traditional prose and poetry thought to be applicable to diverse populations of children. Emphasizes the integration of children's literature throughout the curriculum. Requires storytelling and dramatic presentations in an elementary school setting. 5 quarter hours

ED 321 Materials and Methods of Teaching Language Arts in the Primary and Intermediate Grades. A comprehensive overview of all the language arts including handwriting, grammar, spelling, oral communication, written communication and listening. Course reflects the integrative nature of the language arts; the need for wholeness; the importance of being able to transfer skills, abilities, and attitudes learned in one context to another. 5 quarter hours

ED 323 Reading I: Materials and Methods of Teaching Beginning Reading. *Prerequisite: Admission to the Teacher Education Program.* An in-depth study of early literacy development; word identification strategies including phonics, structural analysis, contextual analysis, and whole word methodology; the language experience and basal reader approaches to teaching reading; and the implementation of a management system which includes formal assessment. 5 quarter hours

ED 323C Clinical Experience in Teaching Reading. *(To be taken concurrently with ED 323.)* A one-day laboratory experience in an elementary school in which the student observes computer-based reading instruction and traditional reading instruction or a clinical experience in which the student uses a diagnostic-prescriptive management system, current curriculum resources, computers, and teacher-made materials to individually tutor a child. At the culmination of a clinical cycle the student conducts a parent-tutor conference in which the child's pre- and post-assessments are discussed. 1 quarter hour

ED 324 Teaching Mathematics to the Young Child. A course designed to assist prospective teachers of young children in presenting early mathematical concepts and skills. Includes the application of psychological principles to the teaching and learning of mathematics. 5 quarter hours

ED 324C Clinical Experience in Teaching Mathematics. *(To be taken concurrently with corresponding education course.)* Observations in K-3 math classes in accredited schools. 1 quarter hour

ED 333 Teaching Reading in the Content Areas. *Prerequisite: Admission to the Teacher Education Program for secondary and N-12 major.* A course designed for teachers of students in middle school and high school to develop creative instructional strategies to promote reading comprehension, vocabulary development, and study strategies in the humanities, social sciences, natural sciences, physical education, and vocational education. 5 quarter hours

ED 361 Measurement and Management. *Prerequisite: Admission to the Teacher Education Program.* Course designed to provide future teachers with the skills and attitudes necessary to create a positive learning environment and assist them in being able to develop and implement proper evaluative techniques and to give direction to pupil growth and development. 5 quarter hours

ED 413 Reading II: Materials and Methods of Teaching Reading Comprehension. *Prerequisites for Early Childhood Education and Elementary Education Majors: ED 320 Children's Literature and ED 323 Reading I: Materials and Methods of Teaching Beginning Reading.* Utilization of metacognitive strategies to develop reading comprehension processes and to foster the enjoyment of reading through literature-based approaches. The course emphasizes instructional decision-making and critical thinking. Clinical experience required. 5 quarter hours

ED 413C Clinical Experience in Materials and Methods of Teaching Reading Comprehension. ***(To be taken concurrently with ED 413.)*** One hour of instructing a child and additional time for planning and reflecting are required in a 3:00 - 6:00 p.m. time frame one time per week. The student will use a portfolio management system, trade books, computers, current curriculum resources, and teacher-made materials to instruct a child. At the culmination of the clinical cycle, the student will conduct a parent conference. 1 quarter hours

ED 420 Materials and Methods of Teaching Science. ***Prerequisite: Admission to the Teacher Education Program.*** (Lab Fee.) A course designed to provide a study of the science concepts for early childhood education and elementary education. Emphasis placed on materials and methods, processes of discovery, and the role of children as investigators. 5 quarter hours

ED 423 Materials and Methods of Teaching Social Studies. ***Prerequisite: Admission to the Teacher Education Program.*** A presentation of instructional materials, resources and strategies to be used for teaching social science concepts from the disciplines of economics, geography, history, political science, psychology, and sociology to children in the elementary school. 5 quarter hours

ED 423F Field Experience in Teaching Social Studies. ***Prerequisite: Admission to the Teacher Education Program.*** Volunteer service with social service agencies, including those available to children within the community to be taken concurrently with corresponding education course. 1 quarter hour

ED 424 Materials and Methods of Teaching Mathematics in the Intermediate Grades. ***Prerequisites: Admission to the Teacher Education Program and ED 324 Teaching Mathematics to the Young Child.*** A course designed to provide study of the mathematics skills and concepts in grades 4-6 with an emphasis on materials and methods for instruction. 5 quarter hours

ED 424C Clinical Experience in Teaching Mathematics in the Intermediate Grades. ***Prerequisite: Admission to the Teacher Education Program. To be taken concurrently with corresponding education course.*** Clinical experience in which the student uses a diagnostic prescriptive management system, current curriculum resources, audio-visual learning machines, and teacher-made materials to tutor a child. 1 quarter hour

ED 431 Materials and Methods of Teaching in the Middle School/High School. ***Prerequisite: Admission to the Teacher Education Program.*** (Includes field experience.) Course includes the fundamental principles and techniques in planning, implementing, and evaluating learning activities and in selecting and using appropriate materials and equipment. Second phase individualized according to the student's major areas. This course should be taken the quarter prior to the internship. 5 quarter hours

ED 470 Early Childhood Curriculum. ***Prerequisite: Senior Standing, ED 310, Admission to Teacher Education Program.*** This is the capstone course for early childhood majors and should be taken the quarter prior to internship. This course is designed to teach the basic principles and considerations underlying planning a developmentally appropriate curriculum for young children (N-3) in all areas of development. This course examines the content, methods, and materials appropriate for young children and the teacher's role in organizing and integrating the early childhood curriculum. Implications for equipment selection, room arrangements, daily schedules, and learning experiences are discussed. A laboratory experience in approved school settings is required. 5 quarter hours

ED 470F Field Experience in Curriculum in Early Childhood Education. ***Prerequisite: Admission to the Teacher Education Program. To be taken concurrently with corresponding education course.*** Classroom observation and participation in child care centers, nursery schools, Head-Start programs, kindergartens and primary grades in the public school. 1 quarter hour

ED 472 Elementary School Curriculum (Methods). ***Prerequisite: Senior standing. Must be taken last quarter before internship.*** The application of a reflective model of teaching which integrates the curriculum through analytical, evaluative, strategic, practical, and communicative skills. Special emphasis will be given to integrating the elementary school curriculum to accommodate the needs of a diverse population. 5 quarter hours

Ten Week Internship: ***Prerequisite: Senior standing and admission to the Teacher Education Program.*** Ten week internship program of fifty full days. Culminating experience of the Teacher Education Program. Practical experience in teaching classes in State accredited schools under the guidance of a cooperating teacher and supervision of a college professor. Seminar attendance required. **(Laboratory fee.)**
15 quarter hours

ED 480 Internship in Early Childhood Education
ED 482 Internship in Elementary Education
ED 484 Internship in Middle School Education
ED 486 Internship in High School Education

NOTE: Restrictions apply to permission to enroll. Restrictions include completion of professional education and specialization courses, qualifying GPA, and removal of grades below a C and incompletes.

ED 488 Internship in N-12 Education. ***Prerequisite: Senior standing and admission to the Teacher Education Program.*** Ten week internship program of fifty full days for physical education and special education majors. Culminating experience of the Teacher Education Program. Practical experience in teaching classes in State accredited schools under the guidance of a cooperating teacher and supervision of a college professor. Five weeks in an elementary school and five weeks in a secondary school. Seminar attendance required. (Laboratory fee.) 15 quarter hours

NOTE: Restrictions apply to permission to enroll. Restrictions include completion of professional education and specialization courses, qualifying GPA, and removal of grades below a C and incompletes. See Internship Application form in Certification Office.

Five Week Internship: Five week Internship programs of twenty-five full days. Program for persons seeking additional certification. **(Laboratory fee.)** **5 quarter hours**

ED 481 Internship in Early Childhood Education
ED 483 Internship in Elementary Education
ED 485 Internship in Middle School Education
ED 487 Internship in High School Education

English (EH) Courses

Ten hours freshman composition prerequisite for all English courses.

EH 303 Journalism I. ***(Will not satisfy literature requirement. Designed to fulfill requirements for Language Arts majors.)*** Study and practical experience with journalistic principles, processes, and practices of the news media, utilizing media outlets both in schools and in the community with special emphasis on work with school publications. 5 quarter hours

*EH 304 Southern Literature. An appreciative and critical survey of the body of fine literature written by and about residents of the American South with a concentration on such writing in the twentieth century. Oral and written student response. 5 quarter hours

*EH 307 Major Authors (Ancient to Renaissance). A survey of contributions to western civilization by the great writers of ancient and medieval times, beginning with the Old Testament and concluding with John Milton. Oral and written student response. 5 quarter hours

*EH 308 Major Authors (Renaissance through Modern). A survey of contributions to western civilization made by the great writers of the sixteenth through the twentieth centuries, beginning with Shakespeare and ending with contemporary writers. Oral and written student response. 5 quarter hours

*EH 310 Film: History, Development, and Evaluation. The history and development of the film as literature and as a particularly American art form, and the student practice in critical evaluation. Films will be viewed and read about, especially those based on literary sources, and students will perform oral and written criticism of them. May include film writing and film making. (Will not satisfy literature requirement.) 5 quarter hours

EH 311 Drama Production I. *(Will not satisfy literature requirement. Designed to fulfill requirements for Language Arts majors.)* Study and practical experience in producing, acting, and directing, or otherwise active participation in stage craft in school or community Theatre. An opportunity exists for qualified students to study with the Alabama Shakespeare Festival Theatre. 5 quarter hours

*EH 312 Dramatic Literature. Selected studies in drama, from classical through contemporary, designed to provide a wide familiarity with dramatic literature. Close study of specific plays. Oral and written student response. 5 quarter hours

EH 313 Drama Production II. *Prerequisite: EH 311, Drama Production I.* An in-depth continuation of Drama Production I, designed for students who plan to teach drama, direct plays, act, or work in technical capacities in school or community productions. 5 quarter hours

*EH 314 Nineteenth Century British Studies. A critical study of the major works of the Romantic and Victorian periods. Oral and written analysis. 5 quarter hours

*EH 316 American Masterpieces A critical survey of the major works of American literature form the colonial period to the present. Oral and written analysis. 5 quarter hours

EH 320 Grammar for Teachers. *(Will not satisfy literature or composition requirement.) Prerequisite: Two courses in freshman composition.* A teaching-oriented course, using both traditional standard grammar and linguistics-based grammatical systems. Includes some work in elements of composition. 5 quarter hours

EH/AR 321 Set Design. This course will cover the designing of a stage set from conception through mock-up, construction and implementation. Set(s) will be designed for actual use. Material covered will be pertinent to productions ranging from children's plays to community and college theater. Course usually runs concurrently with drama production. 5 quarter hours

*EH 325 Myth, Ritual and Culture. A study of the basic beliefs of major cultures and their impact on the literature and thought. Special emphasis of the Greek/Roman, Egyptian, and Teutonic mythology and on eastern and western religions. Jungian interpretation emphasized. 5 quarter hours

*EH 400 Speech Communication. *(Will satisfy general speech requirement.)* Includes practice in individual speaking, reading, and listening, in evaluating the performances of others, and in improving interpersonal communication. 5 quarter hours

EH 401 Speech: Conflict Management. *(Will satisfy general speech requirement. Will not satisfy literature requirement.)* A course in individual public speaking, interpersonal communication, and group dynamics.Emphasis on conflict reduction and problem solving. 5 quarter hours

EH 402 Oral Interpretation in Speech and Theatre. Study and practice designed to increase the ability to interpret literature dramatically and effectively to others. Includes practice in individual public speaking, interpersonal communication, and individual or small-group acting. (Will not satisfy literature requirement.) 5 quarter hours

EH 403 Journalism II. *Prerequisite: Journalism I or permission of instructor.* Designed to further the study and application of journalistic principles, processes, and practices of the news media. Basic writing principles will be expanded to help students with advanced writing assignments, editing, and interview assignments, as well as hands-on experience of designing, laying out and compiling a newspaper. (A lab will be included in this class.) (Will not satisfy literature requirement). 5 quarter hours

EH 413 Composition for Teachers. *(Will not satisfy literature or composition requirement. For prospective teachers only).* A study of essential features of composition writing and evaluation. Product-centered as well as process-centered techniques will be examined. 5 quarter hours

EH 414 History of the English Language. *(Will not satisfy literature or composition requirement.)* The development of American English from early and medieval British beginnings to the current linguistic standards and variations. Designed to increase ease of use, vocabulary, and appreciation of the English language. Analytical writing required. 5 quarter hours

*EH 425 Shakespeare: The Sonnets and the Plays. Designed to provide familiarization with the range of Shakespeare's work as well as close critical appreciation of certain sonnets and plays. 5 quarter hours

EH 430 Literature: The Healing Art. A course in the use of literature as therapy and the function of literature in the process of self-discovery, self-analysis, and personal growth. Selected works of literature in poetry, drama, and fiction will be studied in the context of literature as therapy. Some attention will be given to poetry writing and journal writing as therapeutic tools. Especially recommended for behavioral science majors, educators, social workers, and others engaged in humanistic professions. 5 quarter hours

*EH 431 Poetry and Poetics. A critical survey of the major poems in English and American literature with an emphasis on language, forms, themes, poetic theory, analysis, interpretation, and explication. Oral and written analysis. 5 quarter hours

EH 433 Fiction. Study of a wide range of fiction, in the study of one novel and several selected short stories. Study is designed both to increase enjoyment of fiction and to develop analytical and evaluative reading skills, both oral and written response required. ***Will not satisfy literature requirement.*** 5 quarter hours

*EH 440 African-American Studies. A study of the major works of African-American writers from the 1700's to the present day. Includes the history of the African-American culture with an emphasis on the civil rights movement. 5 quarter hours

EH 441,442,443,444 Special Topics in English. ***(Honors independent study.)*** To be offered on occasion of student request with instructor's approval. 1-5 quarter hours

*EH 450 Renaissance Literature 1550-1680. A critical study of the major works of the English renaissance from Spenser through Milton, exclusive of Shakespeare. Oral and written analysis. 5 quarter hours

*EH 451 Restoration and the Eighteenth Century. A critical study of the major works of the late seventeenth and eighteenth century with an emphasis on Dryden, Pope, Swift, and Johnson. Oral and written analysis. 5 quarter hours

*EH 452 Chaucer and Medieval Literature. A critical study of the major literary works of the middle ages with an emphasis on Chaucer and The Canterbury Tales. Oral and written analysis. 5 quarter hours

EH 460 Directed Study in English. ***(Prior approval required. Will not meet literature requirement.)*** A special research or creative writing course designed to meet specific needs and interest. 1-5 quarter hours

Finance (FIN) Courses

FIN 350 Managerial Finance. ***Prerequisite: Principles of Accounting, Principles of Economics, and College Algebra.*** A study of the art of money capital management on the level of the firm in an enterprise economy. Topics covered include analysis of financial statements, investment decision making, calculation of the firm's cost of capital, and other related topics such as mergers and dividend policies. 5 quarter hours

FIN 355 General Insurance. A study of fundamental principles and uses of various types of insurance: life, fire, automobile, homeowners, and other casualty and business forms are examined. 5 quarter hours

FIN 356 Real Estate. (Approved by the Alabama Real Estate Commission as a pre-license course.) A course designed to give students a broad understanding of the principles of real estate. Instruction includes historical background, freehold estates, leasehold estates, deeds, transferring of interests, financing, appraising and the Alabama Real Estate License Law. 5 quarter hours

FIN 357 Investments. A study and review of consumer money management problems, choices, and decision-making. Topics such as investing in stocks, bonds, mutual funds, commodities and options will be covered. 5 quarter hours

General Business (GBA Classes)

GBA 259 Basic Technical Specialty (0-65 quarter hours). This course number designates credit awarded for the journeyman level training in a technical specialization area when validated by appropriate work experience.

GBA 301 Windows Applications for Business. (Lab fee.) An examination of the many uses for windows applications in the modern business setting. Emphasis given to a "hands on approach" method of assessing the usage of personal computers for preparing spreadsheets, managing files, word processing, and graphics. 5 quarter hours

GBA 305 Statistical Methods of Business I. ***Prerequisite:College algebra or equivalent.*** (Lab fee.) Introduction to descriptive and inductive methods to evaluate data. Coverage will include the calculation of central tendency, tests of hypothesis, probability theory, and sampling. 5 quarter hours

GBA 306 Statistical Methods of Business II. ***Prerequisite: GBA 305.*** (Lab fee). An advanced course covering topics such as analysis of variance, time series analysis, simple and multiple regression, and index numbers. 5 quarter hours

GBA 311 The Legal Environment of Business. An analysis of the legal, social, and ethical environment of business. 5 quarter hours

GBA 312 Law for Accountants. ***Prerequisite: GBA 311 The Legal Environment of Business.*** A study of law subjects the accountant encounters including contracts, the UCC, business organizations, and accountants liability. 5 quarter hours

GBA 314 Business Ethics. ***Prerequisite: GBA 311 The Legal Environment of Business.*** An examination of moral philosophy and its relevance to business operation and managerial decision making. Ethical choices and their impact will be considered. Extensive use of the case study approach will be utilized. (Sometimes taught on a pass/fail basis.) 5 quarter hours

GBA 368 Industrial and Personnel Psychology. (Also listed as **PS 368.**) (Lab fee). The application of psychology to industrial organization. Areas of consideration include morale and group processes, supervisory leadership, selection and placement, training, motivation, fatigue, accidents, interviewing and industrial counseling. (Sometimes taught on a pass/fail basis.) 5 quarter hours

GBA 459 Advanced Technical Specialty (0-20 quarter hours). This course number designates credit that may be awarded for advanced technical work experience. No credit will be granted for work experience which does not exceed in responsibility the original level of training. To qualify for this credit, a student must be a graduate of a technical school or college.

GBA 460 Directed Study/Research in Business. A course designed to allow students an opportunity to perform research or directed studies. This course is offered at the discretion of the professor with approval by the School Head. 1-5 quarter hours

Geography (GO) Courses

GO 309 World Regional Geography. A comprehensive treatment of both the physical and cultural elements of the world. The impact of latitude, longitude, weather and historical development of regions will be given careful consideration. 5 quarter hours

GO 311 Economic Geography. (Also listed as **EC 311.**) Analysis of the origins, nature and distributions of man's economic activities over the world. Elementary models of economic patterns, processes, and relationships in geographic space are stressed and the relation of these factors to the present position on the nations of the world is emphasized. 5 quarter hours

GO 320 Anglo-American Geography. A systematic approach to the examination of the modern geography of the United States and Canada. Regional patterns and variations are probed for an overall view of Anglo-America. 5 quarter hours

GO 341 Natural Geography. ***(May not be used to fulfill B.S. or B.S.Ed. biology major requirements.)*** (Also listed as **BI 341**). Presents the physical and biological aspects of geography. Designed to instill a greater appreciation and awareness of man's physical environment and of the mechanisms which control the distribution of plants and animals on our planet. Included is a six-week segment concerning the physical aspects of the atmospheric, aquatic, and terrestrial environments, and a four-week segment concerning the biological aspects of geography. 5 quarter hours

General Science (GS) Courses

These courses do not meet requirements as science courses for the science major in the B.S. and B.S.Ed. degree programs though some may be specified in degree requirements.

GS 300 Astronomy. (No prior background in science is required.) Designed to help the student gain an understanding of how the astronomer studies his subject and to appreciate the grandeur of the universe. Emphasis on the methods of astronomy, the solar system, stars, and galaxies, and covering the topics of relativity and extraterrestrial life. 5 quarter hours

GS 301 Atmospheric Science. Provides the student with physical explanations of atmospheric, including meteorological phenomena. 5 quarter hours

GS 302 Earth Science. An introduction to the materials that make up the earth's crust and to the various processes responsible for wearing down and shaping the landscape, including an analysis of environmental issues which relate this science to human activities. 5 quarter hours

GS 320 Nutrition. You are what you eat or soon will be. This course considers contemporary nutrition from the viewpoint of practical application. To be discussed are vitamins, minerals, food choices, pre-prepared foods, food and health, labels and advertising and other practical topics. (This course will not count as a physical science for B.S.Ed. majors.) 5 quarter hours

GS 321 Environmental Studies. ***(May not be used to fulfill B.S. or B.S.Ed. biology major requirements.)*** Emphasis on physical aspects of environmental problems, integrating current legal, economic, social and technical developments. 5 quarter hours

GS 325 Survey of Physics. ***Prerequisite: High school algebra.*** A non-laboratory course presenting the basic concepts of physics, including mechanics, heat and temperature, electricity, magnetism, and optics. Applications of the basic principles are stressed. Some elementary problem solving is required. 5 quarter hours

GS 330 Chemistry Survey. A non-laboratory course presenting basic concepts of chemistry. This course does not serve as a prerequisite for any other course in the sciences nor does it meet requirements as a science course for the science major or minor in the B.S. and B.S.Ed. degree programs though it may be specified in degree requirements. 5 quarter hours

Humanities (HU) Courses

*HU 311 Beginning French Conversation I. Designed for students with no previous expertise in French, this course is intended to enable the student to recognize and speak French in a practical manner. Emphasis is given to language skills necessary for the conduct of business and for successful mobility in French-speaking countries. 5 quarter hours

*HU 312 Beginning French Conversation II. ***Prerequisite: HU 311 or equivalent.*** A continuation of Beginning French Conversation I, this course is intended to enhance the student's ability to recognize and speak French in a practical manner. Emphasis is given to language skills necessary for the conducting of business and for successful mobility in French-speaking countries. 5 quarter hours

*HU 313 Beginning Spanish Conversation and Culture I. Designed for students with no previous expertise in Spanish, this course is intended to enable the student to recognize and speak Spanish in a practical manner. Emphasis is given to language skills necessary for the conducting of business and for successful mobility in Spanish-speaking countries. 5 quarter hours

*HU 314 Beginning Spanish Conversation and Culture II. ***Prerequisite HU 313 or equivalent.*** A continuation of Beginning Spanish Conversation I, this course is intended to enhance the student's ability to recognize and speak Spanish in a practical manner. Emphasis is given to language skills necessary for the conducting of business and for successful mobility in Spanish-speaking countries. 5 quarter hours

*HU 315 Beginning Japanese Language and Culture I. Designed for students with no previous familiarity with Japanese. This course is intended to enable the student to recognize and speak basic Japanese and to gain an appreciation of Japanese culture. Emphasis is on language skills necessary for the conducting of business. 5 quarter hours

*HU 316 Beginning Japanese Language and Culture II. ***Prerequisite:HU 315 or equivalent.*** A continuation of Beginning Japanese Language and Culture I. This course is designed to enhance the student's ability to recognize and speak Japanese in a practical manner and to expand the student's knowledge and appreciation of Japanese culture. Emphasis is on the language skills necessary for the conducting of business. 5 quarter hours

*HU 321 Library Research Techniques. This course familiarizes the students with the proper utilization of the basic reference books, abstracts and indexes, the card catalog, and audio-visual equipment. The course also enables the students to master research in their other college subjects. 1 quarter hour

*HU 330 Landmarks of Civilization. (Also listed as HY 330.) (Occasional lab time is required.) Classical World to present. A review of selected examples of man's creative achievements in drama, literature, philosophy, art and music. This course is designed to demonstrate the integration of human knowledge. Stresses expository writing and critical thinking. 5 quarter hours

History (HY) Courses

HY 301 Social Science Research Methods. (Required of history and social science majors.) (Also listed as PO 301 and SS 301). Should be taken at the beginning of the junior year. A course designed to develop the techniques of social science research and to explore varying historical interpretations. 5 quarter hours

HY 302 Alabama History. The history of Alabama and its southern heritage from early times to the present. Study of present day problems and an examination of the space age as it has effected Alabama's development are included. 5 quarter hours

HY 303 The South in United States History. A study of the South as a region. A survey of its historical, economic, and social development, and of the role of the South in United States history. 5 quarter hours

HY 304 Colonial and Revolutionary America. A survey of Anglo-American colonial history, revolutionary developments, and the writing and ratification of the Constitution of the United States. 5 quarter hours

HY 305 Nineteenth Century America This course covers the early years of the republic rise of sectionalism, crisis of 1860, Civil War reconstruction, industrialization, urbanization of America, the westward movement, quest for social justice and interdependence of the people of the United States. 5 quarter hours

HY 306 Twentieth Century America A survey of the political, social, cultural and economic developments in twentieth-century America. Emphasis is placed on the Progressive Movement, role of the United States in world affairs, post-World War I era, and developments since World War II. 5 quarter hours

HY 307 American Constitutional Law. (Also listed as PO 307.) An examination of the text of the nation's fundamental law, the Constitutional Convention of 1787, modes of constitutional interpretation, the organization and operation of the federal court system with special emphasis upon the U.S. Supreme Court, and the evolution of fundamental constitutional doctrines associated with separation of powers, federalism, taxation, contracts, due process and the takings clause. Students read and analyze excerpts of Supreme Court cases as the principal method for learning. This course is designed to provide a foundation in American constitutionalism for students who contemplate teaching social studies or attending law school. 5 quarter hours

HY 308 America and the World. (Also listed as PO 308). Examines America's foreign relations with the main geographical regions of the world, including issues that affect human survival, such as energy crisis, disarmament, foreign aid, and economic cooperation. 5 quarter hours

HY 309 Civil War, Reconstruction, and the Industrialization of America. Causes, events and results of the Civil War, political, economic, and social aspects of reconstruction, industrialization, urbanization, rising demands for social justice, and the growing independence of the people of the U.S. are emphasized. 5 quarter hours

HY 312 Eighteenth Century Europe. Addresses the economic, social, political and diplomatic changes that took place in Europe under the Old Regime between 1715 to 1789. Emphasis is placed on events involving the major powers. 5 quarter hours

HY 313 Revolutionary Europe. A study of the background and the events of the French Revolution and the Napoleonic Period (1789-1815). Emphasizes the revolutionary wellsprings of the contemporary Western world. 5 quarter hours

HY 314 Nineteenth Century Europe. A study of the social, political, and industrial forces which shaped modern Europe between 1815 and 1914. Particular attention is given to the development of large state and business bureaucracies, the spread of industry and steam transportation, European imperialism, the rise of totalitarian ideologies, and the increase in popular participation in political and social events. 5 quarter hours

HY 315 Twentieth Century Europe. The major themes of the course are the rise and demise of totalitarian dictatorships, the continued spread of democracy, the appearance of the welfare state, and the general improvement of the European standard of living since 1918. 5 quarter hours

HY 322 England and Britain. A survey of English and British history from 1688 to the present. Encompasses political, constitutional, socio-economic, cultural, intellectual, and imperial movements. 5 quarter hours

HY 323 Modern German History. The course will cover the development of Germany from 1815 to the present. Major themes will be Germany's rapid industrialization and associated social problems, Nazism, militarism, the struggle for political unity, democratization and particularism. 5 quarter hours

HY 330 Landmarks of Western Civilization. (Also listed as HU 330.) (Occasional lab time is required.) Classical World to Renaissance. A review of selected examples of man's creative achievements in drama, literature, philosophy, art and music. This course is designed to demonstrate the integration of human knowledge. Stresses expository writing and critical thinking. 5 quarter hours

HY 331 Twentieth Century Latin America. Covers the political, social, economic, and cultural developments of the Central and South American States. Spanish institutions and nineteenth-century trends pertinent to the modern development of these republics are considered. 5 quarter hours

HY 332 History of American Business. This course familiarizes the student with the major developments in the history of American business since colonial times. Particular emphasis is given to the evolution of sophisticated management systems. 5 quarter hours

HY 333 World War II. The course will provide a strategic overview of the war and examine its causes, how new technologies, large government bureaucracies, and the emergence of new world powers effected its outcome. 5 quarter hours

HY 334 The Middle East. (Also listed as PO 334). A survey of the historical and cultural characteristics of those countries from Mauritania and Morocco to Afghanistan. Emphasis is placed on the historical development and Arabization of the region, current socio-economic problems, the strategic significance of the area, and its relations to the rest of the world. 5 quarter hours

***HY 335 History of Christianity.** (Also listed as RE 335.) A survey of the background and origin of the Christian movement and its development to the present. 5 quarter hours

HY 336 A History of Criminal Justice. The subject of this course is the historical development of American criminal justice philosophy, institutions, and practices in the political, cultural, and social context of the Western world and the United States from ancient Hebraic Law to the present. Emphasis is on the contribution and effect of the Enlightment, Puritanism, American Revolution and Constitution, and Frontier experience on the origins and evolution of the American administration of justice. 5 quarter hours

HY 342 Russia and Eastern Europe. Examines the history, geography, and current political systems in the Soviet Union and Eastern Europe. 5 quarter hours

HY 401 American History Seminar. The seminar will survey recent literature covering American history and allow the student to pursue a particular topic in depth. 5 quarter hours

HY 402 European History Seminar. The seminar will survey recent literature covering modern European economic and political history. Its emphasis will be on major research projects by the students. 5 quarter hours

HY 441,442,443,444 Special Topics in History. To be offered in accordance with student demand or need. 1-5 quarter hours

Instrumentation (IT) Courses

IT 306 Interfacing Techniques. ***Prerequisite: Microprocessor Fundamentals.*** (Laboratory included.) Provides necessary background to interface real world physical measurables to digital systems, including computers. 5 quarter hours

IT 307 Interfacing Projects. ***Prerequisite: IT 306.*** (Laboratory included.) A continuation of IT 306 involving the student in the design, construction, and implementation of microprocessor or microcomputer interfacing systems. 5 quarter hours

IT 312 Math Methods for Instrumentation. ***Prerequisite: MA 304.*** A course designed to introduce the student to the advanced mathematical methods necessary for understanding complex instrumentation systems. Included are introductions to complex numbers, Laplace transforms, Fourier analysis, and elementary statistical analysis. 5 quarter hours

IT 316 Applied Digital Design. ***Prerequisite: Introductory Digital Electronics.*** (Laboratory included.) A course to acquaint the student with good design fundamentals including the use of mixed logic and algorithmic state machine formalisms. Covers the use of recent devices (PAL's, PLD's), microprocessors, and computers in digital design. 5 quarter hours

IT 317 Digital Design Projects. ***Prerequisite: IT 316.*** (Laboratory included.) A continuation of IT 316, which allows the student to investigate his or her own creativeness in digital design and application. 5 quarter hours

IT 400 Advanced Analog Instrumentation. ***Prerequisite: IT 312, PY 305.*** (Laboratory included.) Theoretical analysis of modern networks using operational amplifiers, analog filters, and practical circuits for communications and data acquisition systems. 5 quarter hours

IT 401 Applied Data Communications. (Also listed as CS 401.) (CS students should be cautioned that this is a technical course.) A technical course designed to acquaint the student with the latest data communication terminology, theory, technology, standards, and equipment. 5 quarter hours

IT 420 Electro-Optics. ***Prerequisite: IT 312 and PY 305.*** (Laboratory included.) Optics helpful, but not required.) Emphasizes the latest technology in laser systems, light detection and displays, and applications. 5 quarter hours

IT 425 Introduction to Robotics. ***Prerequisite: introductory electronics classes.*** (Laboratory included.) Fundamentals of Robotics including a study of robotic motion, computer interfaces, robotic vision, and capabilities. 5 quarter hours

IT 435 Instrumentation Survey. ***Prerequisite: PY 312.*** Principles of instrumentation systems. The detection, measurement and logical use of physical quantities with an emphasis on the physical process, transducers and signal processing. 5 quarter hours

IT 440 Process Control Instrumentation. ***Prerequisite: All IT courses.*** (Laboratory included.) Provides an in-depth analysis of process control fundamentals, transducers and instrumentation. 5 quarter hours

IT 441,442,443,444 Special Topics in Instrumentation. To be offered on occasion of student demand or need. 1-5 quarter hours

IT 460 Directed Study/Special Instrumentation Projects. By permission of instructor. 1-5 quarter hours

Justice Studies (JS) Courses

JS 300 Criminal Justice System (Also listed as PO 300). A survey of the criminal justice system in the United States, including law enforcement, judicial and correctional agencies and activities. 5 quarter hours

JS 301 Criminal Justice Process. An overview of the major steps in the processing of a criminal case in the United States, including pre-trial, trial and post-conviction phases. 5 quarter hours

JS 302 Criminal Law. Definitions of crimes to include the specific elements of various criminal offenses. Defenses to criminal conduct are also discussed. 5 quarter hours

JS 350 Introduction to the American Legal System. (Also listed as SO 350 & PO 350.) This course is a review of basic legal doctrines and processes in the U.S. system of jurisprudence. Students are introduced to a wide variety of topics in both civil and criminal justice. Topics include the theory and nature of law as a device for social control, torts, contracts, and ownership of property. The course is structured to provide pre-law majors with limited exposure to the many social conflicts managed by law and courts, and to provide education majors with an overview of law-related topics necessary for civics instruction. 5 quarter hours

JS 364 Civil Liberties. (Also listed as PO 364.) Analysis of leading cases and doctrines which balance governmental/societal interests with individual rights across a broad spectrum of social relationships. Explores the constitutional foundations for freedom of expression, due process, and equal protection under the law. 5 quarter hours

JS 400 Law Enforcement in America. An in-depth examination of American policing. Includes history, structure, functions, processes and administrative issues of contemporary law enforcement agencies/systems. 5 quarter hours

JS 401 Adult Corrections. (Also listed as SO 401.) Socioeconomic facets of crime and principles and practices of delinquency, probation and parole, interaction (environmental and attitudinal) of persons from sentencing to return to society will be stressed. 5 quarter hours

JS 444 Contemporary Issues in Criminal Justice. An analysis of issues and problems of criminal justice administration to include readings in policy formulation and implementation of police, courts and correctional agencies. 5 quarter hours

JS 450 Advanced Criminal Justice Process. (Also listed as PO 450.) An in-depth examination of decisions by the U.S. Supreme Court which outline the basic procedural rights of criminal defendants. Included are constitutional rights related to arrest, search and seizure, self-incrimination, fair trial, and legal counsel. 5 quarter hours

JS 452 Advanced Criminology. (Also listed as SO 452.) Analysis of social causal process and theories by which individuals become criminals and evaluation of the effectiveness of the criminal justice system in returning helpful, contributing citizens back to society. Historical and contemporary orientation. 5 quarter hours

JS 453 Juvenile Delinquency. (Also listed as SO 453.) An in-depth examination of juvenile delinquency within a sociological framework. Includes both a theoretical and practical emphasis. 5 quarter hours

JS 460 Directed Study in Justice Studies. Consent of instructor required. 1-5 quarter hours

JS 465 Criminal Justice Practicum. Provides supervised experiences in appropriate criminal justice agencies. This course includes routine seminars with discussion and evaluation of experiences in the field. 5 quarter hours

Mathematics (MA) Courses

+Suggested courses to complete if you are planning to attend graduate school in mathematics.

MA 301 Pre-Calculus. ***Prerequisite: Two years of high school algebra. Geometry recommended.*** (Lab fee). A course for students who are preparing to take the Calculus sequence. Some topics covered include the real number system, simplification of algebraic expressions, functions and graphs, rational and polynomial functions, exponential and logarithmic functions, conic sections, the binomial theorem, finite induction, arithmetic and geometric progressions, business and behavioral science applied word problems. 5 quarter hours

MA 302 Pre-Calculus. ***Prerequisite: MA 301 or equivalent.*** (Lab fee.) A course for students who are preparing to take the Calculus sequence. This course includes set notation, concept of functions, extended study of the geometric and trigonometric functions, analytic trigonometric functions, inverse functions, radian measure, computation and numerical application. 5 quarter hours

MA 303/304 Calculus. ***Prerequisite: MA 301 and MA 302 or their equivalents.*** (Lab fee.) Introduction to limits plus techniques and applications of differential and integral calculus. 5 quarter hours each

MA 305/306 Intermediate Calculus. (Lab fee.) A continuation of MA 303/304 covering infinite series, conics, vectors, functions of several variables and multiple integration. 5 quarter hours each

MA 308 Discrete Mathematics. ***Prerequisite: MA 301.*** Introduces the student to topics in mathematical models, mathematical reasoning, sets, relations and functions, Boolean algebra, special data structures and special algebras. An application of these topics will teach the nature and purpose of mathematical models, the algebra of logic, sets and groups, and relationships between mathematics and Computer Science. 5 quarter hours

MA 309 Business Calculus. ***Prerequisite: College Algebra, Business Statistics, Discrete Mathematics, at least a basic programming or computer applications course.*** (Lab fee required.) Covers functions, graphs and limits as encountered in the professional business environments. Basic business applications using calculus are covered. Some solutions require use of computers. (This course cannot be counted as an upper level mathematics course). 5 quarter hours

+MA 310 Matrices and Linear Algebra. ***Prerequisite: MA 306. This course and MA 427 cannot both be taken for credit.*** Matrices, systems of equations, determinants, vector spaces, and applications. 5 quarter hours

MA 311 Mathematics for Elementary Teachers. ***Prerequisite: At least one college level mathematics course.*** Introduces the student to topics in numeration systems, elementary number theory, problem solving, introduction to probability theory, statistics, and geometry. 5 quarter hours

MA 314 College Geometry. ***Prerequisite: MA 304.*** Foundations of Euclidian geometry to include geometric construction and properties of regular polygons and circles. Based on logical statements and formal proofs. 5 quarter hours

MA 316 Vector Analysis. ***Prerequisite: MA 306.*** Vector algebra, vector operators, vector functions, scalar and vector fields, divergence, curl, Laplacian, line and surface integrals, orthogonal curvilinear coordinates, divergence theorem, Stoke's and Green's theorems. 5 quarter hours

+MA 320 Modern Algebra. ***Prerequisite: MA 310.*** Number systems, group fundamental properties, introduction to rings, fields and ideals. 5 quarter hours

+MA 401 Complex Analysis. ***Prerequisite: MA 306.*** Covers complex numbers, analytic functions and integrals, conformal mapping, sequences and series, and integration by the method of residues. 5 quarter hours

+MA 421 Differential Equations. ***Prerequisite: MA 306 or equivalent.*** (Lab Fee.) Theory and techniques of solution for ordinary differential equations with applied examples from different scientific disciplines. Introduction to Laplace Transforms. 5 quarter hours

MA 423 Numerical Analysis. ***Prerequisite: MA 306 and MA 310.*** (Computer laboratory work is required.) (Lab fee.) Introduction to numerical methods for interpolation, evaluating roots of polynomials, systems of equations, integration, differentiation, differential equations, and approximation and error analyses. 5 quarter hours

MA 428 Partial Differential Equations. ***Prerequisite: MA 421.*** Fourier series, classical PDE's (heat, wave and Laplace's equations), and numerical methods. 5 quarter hours

+MA 430 Theory of Statistics and Probability I. ***Prerequisite: MA 306.*** Basic probability theory: counting techniques, random variables, probability density function (continuous/discrete), distributions (uniform, normal, binomial, hypergeometric), expected value and variance. 5 quarter hours

MA 431 Theory of Statistics and Probability II. ***Prerequisite: MA 430.*** A continuation of MA 430. Covers linear regression, correlation, analysis of variance, and other advanced statistical concepts. 5 quarter hours

MA 441 Special Topics in Mathematics. ***Prerequisite: MA 304.*** Considers topics in abstract algebra. Theory of equations and various mathematical applications. 5 quarter hours

MA 445 Mathematical Modeling and Simulation. ***Prerequisite: MA 306, MA 310 and MA 421 or equivalent.*** The course covers techniques in vector rotation of three-space coordinates, Perron's eigenvalue theorem, data fitting by the normalization processes for multi-variable function approximation, Bezier representation of polynomials for "real-time", computer graphic applications and other topics. 5 quarter hours

+MA 450 Advanced Calculus I. ***Prerequisite: MA 306, MA 310.*** Vector operations and spaces, linear transformations, functions of several variables, limits, continuity, total differential, Jacobian, general chain rule, implicit functions, higher order derivatives, change of variables in integrals. 5 quarter hours

+MA 451 Advanced Calculus II. ***Prerequisite: MA 450.*** A continuation of MA 450 with various applications of multivariant calculus. 5 quarter hours

+MA 452 Real Analysis. ***Prerequisites: MA 310, MA 421.*** Covers logic, foundation for the differential and integral calculus of a function of one variable. 5 quarter hours

MA 460 Directed Study/Research in Mathematics. To be offered on occasion of student demand or need. 1-5 quarter hours

MA 470 Mathematics Capstone Course. ***Prerequisite: MA320, MA 421.*** A thorough review of mathematical ideas in the calculus, linear algebra, differential equations, and abstract algebra, along with other selected topics. This course counts under the Option for the major. 5 quarter hours

MA 471 Advanced Mathematical Software. ***Prerequisite: Calculus sequence, MA 310 and MA 421--one may be taken concurrently.*** The student is introduced to the type of mathematical software that might be encountered in the workplace. A variety of assignments is given (currently MAPLEV is used). This course counts under the Option for the major. 5 quarter hours

Management (MG) Courses

MG 302 Management Information Systems. ***Prerequisite: GBA 301 or Windows Applications course.*** (Lab fee). An examination of the role of information systems in organizations and how they relate to the objectives and structure of an organization. Emphasis is given to providing a broad overview of the information systems management function. 5 quarter hours

MG 320 Managerial Communication. (Lab Fee). Instruction in the communication skills of listening, speaking, reading, and writing as they relate to the management function. Course requirements include the completion of a formal written research paper. 5 quarter hours

MG 346 Principles of Management. An introductory course that explores both the underlying theory and the practical application of management practices and organizational development. In addition to the basic management functions, the course deals with ethical questions, international competition, and other issues stemming from management's relationship with its increasingly complex legal, social and competitive environment. 5 quarter hours

MG 349 Human Resources Management. (Lab Fee). ***Prerequisite: MG 346 Principles of Management.*** A study of the technical functions of HRM. Emphasis is on their application to programs that foster employee commitment to objectives in a competitive, global economy. 5 quarter hours

MG 351 Labor-Management Relations. ***Prerequisite: MG 349 Human Resource Management.*** An examination of managerial issues affecting development of industrial and labor relations policy. Topics examined include impact of public policy, negotiation, and administration of collective bargaining agreements, The NLRB, and arbitration cases. 5 quarter hours

MG 352 Culture/TQM in the Global Market. (Lab Fee.) ***Prerequisite: MG 346 Principles of Management.*** Examines the impact of cultures on the concept of Total Quality Management (TQM) in the global market. 5 quarter hours

MG 353 Project Management. (Lab Fee.) ***Prerequisite: MG 346 Principles of Management.*** Examines the use of critical path method (CPM) and Program Evaluation Review Technique (PERT) on project planning and control. 5 quarter hours

MG 375 Organizational Behavior. ***Prerequisite: MG 346 Principles of Management.*** (Also listed as PS 375.) A consideration of human behavior in organizational settings with emphasis on individual processes, group processes and organizational structure and functions. (Sometimes taught on a pass/fail basis.) 5 quarter hours

MG 377 Public Administration. (Also listed as PO 377.) An examination of the major issues and concepts associated with management of governmental agencies. Topics include personnel management, financial management and budgets, political and legal environments, employee rights and responsibilities, program evaluation, and community relations. 5 quarter hours

MG 405 Production and Operations Management. ***Prerequisite: MG 346 Principles of Management, GBA 305 Statistical Methods of Business I.*** (Lab fee). Production and Operations Management examines manufacturing and services industries and the multitude of activities needed to produce or process goods and services in the private and public sectors. Examines the problems of facilities layout, plant location, statistical quality control, process control, and various models utilized in these areas. 5 quarter hours

MG 416 Entrepreneurship and Small Business Management. ***Prerequisite: MG 346 Principles of Management, MK 331 Principles of Marketing, GBA 301 Windows Applications for Business, and Accounting I.*** In this course, students bring their knowledge of management, marketing, accounting and microcomputer applications to bear on the problems of planning and operating a small business. Student teams research, prepare and present complete business plans--including pro-forma financial statements for startup ventures. Market research, site selection, pricing, promotion and financial analysis for the small firm are among the topics stressed. 5 quarter hours

MG 418 Management of Technology. (Lab fee.) ***Prerequisite: GBA 305 Statistical Methods of Business I, MG 302 Management Information Systems, MG 320 Managerial Communications, and MG 346 Principles of Management.*** A case study approach to the integration of technical knowledge with management science. 5 quarter hours

MG 420 Business Policy. (Lab Fee.) ***Prerequisite: Senior standing and the completion of FIN 350 Managerial Finance, MG 346 Principles of Management, and MK 331 Marketing Principles.*** Students should schedule this course during one of the last two quarters of their degree program.) A Capstone Course which examines the interrelations of the various business functions from the viewpoint of middle management's decision process. Heavy emphasis on both oral and written case study analysis. Note: A student must earn a minimum grade of "C" in this course in order to graduate with a major in accounting, management, human resources management, or the management of technology. 5 quarter hours

MG 441,442,443,444 Special Topics in Management. To be offered on occasion of student demand or need. 1-5 quarter hours

MG 460 Directed Study/Research in Management. To be offered on occasion of student demand or need. 1-5 quarter hours

Marketing (MK) Courses

MK 331 Marketing Principles. ***Prerequisite: Principles of Economics.*** A study of the forces operating, institutions employed and methods followed in the flow of goods and services from production to consumption. 5 quarter hours

MK 433 Marketing Strategies and Policies. ***Prerequisite:Marketing Principles.*** (Lab fee.) A senior level course which examines the various policies and problems that require decision making by marketing managers in areas of product, distribution, promotion, and price. 5 quarter hours

Music (MU) Courses

MU 300/301/302 Music Theory. ***This course or the equivalent is required of all music minors. Permission of the professor required. Co-requisite: MU 304/305/306.*** A course presenting the fundamentals of music theory including scales, modes, intervals, key signatures, triads in four-part writing, sight-singing, ear-training, and keyboard harmony. 3 quarter hours each

MU 304/305/306 Aural Musicianship. ***Co-requisite: MU 300/301/302.*** Required of all music minors who study theory unless exempted by a proficiency test. Instruction in rhythmic, intervallic, melodic and harmonic dictation; sight-singing. 1 quarter hour each

*MU 310 Music Appreciation. ***No technical background is necessary.*** A survey of music designed to prepare the student for more intelligent listening to and appreciation of serious music. 5 quarter hours

*MU 321/322 Music Literature. A study of the development of the significant musical styles with special attention to the individual contributions of major composers. 5 quarter hours

MU 325 Conducting. A study designed to develop skills in conducting and score reading. Includes both baton and choral rehearsal techniques. 3 quarter hours

MU 329/330 Class Piano. Consists of class instruction in basic techniques of playing the piano. No previous technical experience required. 3 quarter hours each

MU 339/340 Class Voice. Consists of class instruction in the basic concepts in singing. Includes the study of proper tone production, breath control, and diction. 2 quarter hours each

MU 341 College Singers. (At least two rehearsals weekly are required.) A performing vocal ensemble open to all students. Provides for the study and performance of a variety of choral literature. 1 quarter hour

MU 343 Choral Union. A smaller ensemble of mixed voices selected by audition. Open to all students. 1 quarter hour

MU 345 Selected Chorus. Offers an opportunity to study and perform choral literature for either women's or men's voices respectively. Open to all students 1 quarter hour

MU 346 Instrumental Ensemble (Band). The study and performance of selected literature for the smaller instrumental ensemble. Includes both jazz and pop music. Open to all students. I quarter hour

MU 410 Choral Techniques. A study in the refinement of choral techniques including blends, balance, choral tone, rehearsal techniques, and procedures. Includes a survey of choral literature and helps in organizing and developing choral groups. 5 quarter hours

MU 441,442,443,444 Special Topics in Music. To be offered on occasion of student demand or need. 1-5 quarter hours

MU 451 Music for Teachers N-6. A study to assist the classroom teacher in meeting the needs of preschool and elementary students in music. A study of group activities and materials through which children can experience music. 5 quarter hours

MU 460 Music Drama Production. Special study in the preparation and presentation of musical productions. 1-5 quarter hours

Physical Education (PE) Courses

Activity Courses

PE 312/313 Varsity Athletics (*by permission only.*) 1 quarter hours

PE 412-413 Senior Varsity Athletics (*by permission only.*) 1 quarter hours

Other P.E. Courses

PE 320 Analysis of Team Sports. *Recommended for Physical Education majors only.* A course dealing with analysis of the movement involved in the performance of various specified team sports. Practical experience in conditioning drills used to improve performance, officiating techniques, and strategies of the games are included. 5 quarter hours

PE 321 Analysis of Gymnastics/Track/Field. *Recommended for Physical Education majors only.* A course dealing with the analysis of movement involved in the performance of gymnastics and track/field. Practical experience in conditioning, drills used to improve performance, and strategies used in competition are included. 5 quarter hours

PE 322 Analysis of Individual Sports. *Recommended for Physical Education majors only.* A course dealing with the analysis of movement involved in the performance of badminton, golf, and tennis skills. Practical experiences in conditioning, skill improvement, and strategies used in playing each sport are included. 5 quarter hours

PE 323 Analysis of Rhythms and Aquatics. *Recommended for Physical Education majors only.* A course dealing with the analysis of movement involved in the performance of rhythms and aquatics activities. Practical experiences in conditioning, skill improvement, and movement analysis are included. 5 quarter hours

PE 325 Kinesiology. *Prerequisite: Anatomy and Physiology. Recommended for Physical Education Majors only, or approval of instructor.* Anatomical, mechanical, and functional aspects of human movement are studied with emphasis on analysis of joint actions, mechanical principles, and laws of motion as they apply to efficient movement. 5 quarter hours

PE 326 History and Principles of Physical Education. *Recommended for Physical Education majors only.* A course designed to provide the professional student an overview of the body of knowledge encompassing the discipline of physical education. Historical, psychological, biological, and sociological foundations of human movement are studied. 5 quarter hours

PE 327 Physiology of Exercise. *Prerequisite: Anatomy and Physiology. Recommended for Physical Education majors only, or approval of instructor.* A course designed to provide the student an opportunity to develop a better understanding of the effects of exercise on body systems, factors affecting performance, and the role of physical education in health-related fitness. 5 quarter hours

PE 333 Care and Prevention of Athletic Injuries. (Lab Fee). *Recommended for Physical Education majors only, or approval of instructor.* A course designed to familiarize students with the most prevalent athletic injuries, their anatomical explanation and physiological complications, and treatment of such injuries. 5 quarter hours

PE 350 Adaptive Physical Education and Sports. *Recommended for Physical Education majors only, or approval of instructor.* A course designed to provide students with the information necessary to understand, evaluate, and develop programs of physical activities to meet the special needs, interests, and abilities of exceptional children and youth. 5 quarter hours

PE 352 First Aid and CPR Instructor's Course. A course designed to teach the basic principles of first aid and cardiac pulmonary resuscitation. The course also provides training in the procedures of administering first aid and CPR. American Red Cross Certification is awarded for the successful completion of this course. 5 quarter hours

PE 354 Contemporary Health. A course dealing with problems of personal and community health, designed to assist students in developing a broad understanding of their obligation to themselves and society in matters of health. 3 quarter hours

PE 355 Health-Related Fitness and Nutrition. *Recommended for Physical Education majors only, or approval of instructor.* A course dealing with the development of cardiovascular endurance, muscle strength, flexibility, nutrition and appropriate body composition as these elements contribute to health-related fitness. The course also provides the student with the opportunity to participate in an exercise program which emphasizes cardiovascular endurance, muscular strength and flexibility 5 quarter hours

PE 400 Organization and Administration of Physical Education. *Recommended for Physical Education majors only.* A course designed to provide the professional student theoretical and practical information about specific aspects of the process of organizing and administering physical education and athletic programs. 5 quarter hours

PE 401 Measurement and Evaluation of Physical Education. ***Prerequisite: Three of the following analysis courses, PE 320, 323, 322, 323. Requires Admission to the Teacher Education Program.*** Included in this course is the study of theory of measurement in physical education, the selection and administration of appropriate tests, and the interpretation of test results utilizing fundamentally sound statistical procedures. 5 quarter hours

PE 402 School and Community Recreation. A course designed to teach the student the philosophy and purpose of recreation. Deals with the organization and administration of all aspects of a recreation program in the school and community. 5 quarter hours

PE 415 The School Health Program. Consideration is given to the organization of the total school health program involving health services, healthful school living, and health instruction. Content, methods, and materials suitable for grades N-12 are stressed. 5 quarter hours

PE 430 Teaching Physical Education in the Elementary School (Methods). ***Prerequisite: Three of the following analysis courses, PE 320, 321, 322, 323. Requires Admission to the Teacher Education Program.*** A course designed to study source materials, planning and organizing instruction, selection of suitable activities, and preparation of teaching units for physical education in the elementary school. (Lab Fee.) 5 quarter hours

PE 431 Motor Development and Physical Activity. ***Prerequisite: Child Psychology or equivalent.*** *Recommended for Physical Education and Early Childhood Majors.* The influence of various tissues (i.e. muscle, bone, adipose), and coordinated neural function are central concerns of this course. Physical activities intended to enhance the physical and motoric growth and development of young children are examined. The relationship of physical and motor growth and development to all other aspects of human development are studied. 5 quarter hours

PE 440 Materials and Methods of Teaching Physical Education in High School. ***Prerequisite: Three of the following analysis courses, PE 320, 321, 322, 323. Requires Admission to the Teacher Education Program.*** Emphasis is placed on approved teaching techniques, theories of learning, characteristics of high school students, planning for instruction, instructional management and selection of learning activities. Lesson planning and unit construction are an important part of this course. 5 quarter hours

PE 451 Health Curriculum. A course designed to give the student an understanding of the development and implementation of a Health Instruction Program based on the needs and interests of students in grades N-12. 5 quarter hours

PE 452 Materials and Methods of Teaching Health in the Elementary School. A course designed to study source materials, planning and organizing instruction, selection of suitable activities and preparation of teaching units for health education in the elementary school. 5 quarter hours

PE 460 Directed Study/Research in Physical Education. To be offered on occasion of student demand or need. 1-5 quarter hours

PE 480 Practicum in Physical Education. To be offered as an internship. 15 quarter hours

Philosophy (PH) Courses

*PH 300 Moral Values in Today's Society. (Also listed as SO 300.) A sociological approach to the study of morality combined with a philosophical examination of what moral value is and how moral values may be realized in today's society. Emphasis will be given to specific current moral issues. 5 quarter hours

*PH 301 Introduction to Philosophy. An examination and evaluation of various answers to basic problems of philosophy. 5 quarter hours

*PH 312 Logic. A course intended to help the student develop skill in detecting, identifying, and analyzing fallacious reasoning and implication in the mass media, literature, advertising, theater, philosophy, and religion. 5 quarter hours

*PH 321 History of Philosophy I. A critical survey of the thought of major western philosophers from Thales to Descartes. 5 quarter hours

*PH 322 History of Philosophy II. A critical survey of the thought of western philosophers from Descartes to the present time. 5 quarter hours

*PH 325 Philosophy of Religion. (Also listed as RE 325.) A philosophical study of the grounds of religious belief and practice, the relationship of man to God and its implications for morality, and the belief in life after death. Special attention is given to the impact of science upon religion. 5 quarter hours

PH 441,442,443,444 Special Topics in Philosophy. To be offered on occasion of student demand or need. 1-5 quarter hours

PH 460 Directed Study/Research in Philosophy. The student studies in an area of his or her particular interest approved by the instructor. Open only to superior students who have had at least fifteen hours of philosophy in the classroom. May be repeated for up to ten additional hours of credit. 1-5 quarter hours

Political Science (PO) Courses

PO 300 Criminal Justice System. (Also listed as JS 300.). A survey of the criminal justice system of the United States, including law enforcement, judicial and correctional agencies and activities. 5 quarter hours

PO 301 Social Science Research Methods. (Also listed as SS 301/HY 301.) A course designed to develop the techniques of social science research and to explore varying historical interpretations. Also aims at preparation of teaching materials. 5 quarter hours

PO 302 Problems of American Government. A study of the structure and institutional problems of American government. 5 quarter hours

PO 303 Comparative State and Urban Government. A comparative examination of the operation, issues, and theories of state and urban government throughout the United States. 5 quarter hours

PO 305 Alabama Government. An examination of the structure and operation of state and local governments and the political process in Alabama. 5 quarter hours

PO 306 Elections and Public Opinions. This course examines the role and effects of elections and public opinions on American political institutions. 5 quarter hours

PO 307 American Constitutional Law. (Also listed as HY 307.) An examination of the text of the nation's fundamental law, the Constitutional Convention of 1787, modes of constitutional interpretation, the organization and operation of the federal court system with special emphasis upon the U.S. Supreme Court, and the evolution of fundamental constitutional doctrines associated with separation of powers, federalism, taxation, contracts, due process and the takings clause. Students read and analyze excerpts of Supreme Court cases as the principal method for learning. This course is designed to provide a foundation in American constitutionalism for students who contemplate teaching social studies or attending law school. 5 quarter hours

PO 308 America and the World. (Also listed as HY 308.) Examines America's foreign relations with the main geographical regions of the world, American policy toward disarmament, foreign aid, economic cooperation, and other contemporary issues are also discussed. 5 quarter hours

PO 320 Introduction to International Commerce. (Also listed as EC 320.) Examines the international economic system and the challenges faced by multi-national corporations in the conduct of international business. Special attention is given to the mechanics of importing and exporting, international finance, and private international law. 5 quarter hours

PO 331 Twentieth Century Latin America. Covers the political, social, economic, and cultural developments of the Central and South American States. Spanish institutions and nineteenth-century trends pertinent to the modern development of these republics are considered. 5 quarter hours

PO 334 The Middle East. (Also listed as HY 334.). A survey of the historical and cultural characteristics of those countries from Mauritania and Morocco to Afghanistan. Emphasis is placed on the historical development and Arabization of the region, current socio-economic problems, the strategic significance of the area, and its relations to the rest of the world. 5 quarter hours

PO 350 Introduction to American Legal System. (Also listed as JS 350 and SO 350.) This course is a review of basic legal doctrines and processes in the U.S. system of jurisprudence. Students are introduced to a wide variety of topics in both civil and criminal justice. Topics include the theory and nature of law as a device for social control, torts, contracts, and ownership of property. The course is structured to provide pre-law majors with limited exposure to the many social conflicts managed by law and courts, and to provide education majors with an overview of law-related topics necessary for civics instruction. 5 quarter hours

PO 351 Political Sociology. (Also listed as SO 351.) Explores what federal, state, and local governments are doing to solve major social problems, such as poverty, crime, and those arising from minority group relations. 5 quarter hours

PO 364 Civil Liberties. (Also listed as JS 364.) Analysis of leading cases and doctrines which balance governmental/societal interests with individual rights across a broad spectrum of social relationships. Explores the constitutional foundations for freedoms of expression, due process rights, and equal protection under law. 5 quarter hours

PO 377 Public Administration. (Also listed as MG 377 & PSA 377.) An examination of the major issues and concepts associated with management of governmental agencies. Topics include personnel management, financial management and budgets, political and legal environments, employee rights and responsibilities, program evaluation, and community relations. 5 quarter hours

PO 441,442,443,444 Special Topics in Political Science. To be offered on occasion of student demand or need. 1-5 quarter hours

PO 450 Criminal Justice Courts. (Also listed as JS 450.) An in-depth examination of decisions by the U.S. Supreme Court which outline the basic procedural rights of criminal defendants. Included are constitutional rights related to arrest, search and seizure of evidence, self-incrimination, fair trial, and legal counsel. 5 quarter hours

PO 452 Comparative Political Systems. Examines the theory of comparative government as well as government and politics in Western Europe, Asia, Africa, and Latin America. 5 quarter hours

PO 453 International Politics. A survey of the basic characteristics and theories of the international system. Special emphasis is placed on regional and international organization, international law, international economics, and international cooperation. 5 quarter hours

PO 460 Directed Study/Research in Political Science. Designed to meet the specific needs of students. 1-5 quarter hours

Procurement (PR) Courses

PR 394 Introduction to Procurement. An introduction to that aspect of management science concerned with procurement. 5 quarter hours

PR 395 Price and Cost Analysis. ***Prerequisite: PR 394.*** An examination of the role of the government contracting officer in the acquisition process. Emphasis is given to considering pricing practices and theories and to assessing the government's procedures and methods of evaluating pricing and costing activity. 5 quarter hours

PR 396 Advanced Procurement Concepts and Introduction to Government Contract Law. ***Prerequisite: PR 394 and PR 395.*** Detailed examination of the FAR to include recent interpretations of government contract law. 5 quarter hours

PR 397 Contract Negotiation. ***Prerequisite: PR 394, PR 395, and PR 396.*** An examination of the concepts and techniques of negotiation. Topics covered include strategies and tactics of contract negotiation, preparation for sound negotiation, organization and operation of a procurement team, the relative positions of strength required for successful negotiation, and limitations as imposed by law. In addition to class lectures, the students will participate in mock negotiations using case studies. 5 quarter hours

PR 398 Contract Administration. ***Prerequisite: PR 394, 395, 396, and 397.*** An examination of the management of government contracts in the post-award phase. The content provides insight into the variety of administrative matters that arise during the life of a contract. Emphasis is given to a consideration of the rights and responsibilities of the government and contractor. 5 quarter hours

Psychology (PS) Courses

NOTE: General Psychology is prerequisite to all psychology courses listed below.

PS 320 Cognitive Psychology. A survey and analysis of the major topics in cognitive psychology to include memory, thinking, attention, problem solving, information processing, and artificial intelligence. 5 quarter hours

PS 321 Sensation and Perception. A review of the basic processes of sensation and perception with emphasis on physiological, ecological, and psychological features including the relationship of perceptual, cognitive, and behavioral processes. 5 quarter hours

PS 330 Educational Psychology. Application of psychological concepts and principles to classroom teaching and learning especially in the areas of motivation, individual differences, adjustment, and teacher-student interaction. 5 quarter hours

PS 331 Social Psychology. The relationship of the individual to social systems with special reference to the socialization process, group dynamics, social conflict, and person perception. The course includes a brief introduction to methods of research. 5 quarter hours

PS 332 Child Psychology. A study of the physical, mental, social and emotional development of the child. 5 quarter hours

PS 334 Adolescent Psychology.Biological, psychological and sociological perspectives with consideration of major theoretical approaches to adolescent development, development of cognitive processes, social attachment, sexual differences, emotional development, values and moral attitudes. 5 quarter hours

PS 335 Adult Psychology. Examines the scope of adult psychology to include physical and intellectual development, personality and social development, the family and vocational development during young adulthood, the middle years and retirement. 5 quarter hours

PS 336 Psychology of Learning. A survey of the theories and concepts related to learning. The course will cover historical background, respondent conditioning, operant conditioning, imitation and cognitive models. 5 quarter hours

PS 340 Methods of Behavioral Science Research. (Also listed as SO 340).Theory design and collection of data in behavioral science with emphasis given to techniques by which behavioral science data is collected, analyzed and interpreted. 5 quarter hours

PS 341 Statistics in Behavioral Science. ***Prerequisite: PS or SO major or minor or permission, college algebra or equivalent.*** (Also listed as SO 341.) Planning and conduct of behavioral science research with emphasis upon elementary statistical analysis of behavioral science data. 5 quarter hours

PS 352 Abnormal Psychology. A close consideration of the biological, biochemical, genetic, psychological, and psychosocial factors in behavior pathology. Issues of diagnosis, prognosis, and treatment will be studied. 5 quarter hours

PS 368 Industrial and Personnel Psychology. (Lab fee) (Also listed as GBA 368.) The application of psychology to industrial organization. Areas of consideration include morale and group processes, supervisory leadership, selection and placement, training, motivation, fatigue, accidents, interviewing, and industrial counseling. (Sometimes taught on a pass/fail basis. 5 quarter hours

PS 375 Organizational Behavior. ***Prerequisite: PSA 346.*** (Also listed as MG 375 and PSA 375.) A consideration of human behavior in organizational settings with emphasis on individual processes, group processes and organizational structure and functions. (Sometimes taught on a pass/fail basis.) 5 quarter hours

PS 380 Experimental Psychology and Methodology for Behavioral Science. ***Prerequisite: Psychology or Sociology major or minor and PS/SO 341 Statistics in Behavioral Science.*** (Laboratory included.) Also listed as SO 380.) An introductory course in experimental methods and procedures in psychology and sociology. Topics of discussion will include: hypothesis formation, internal and external validity, true experimental designs, quasi-experimental designs, single-subject designs, evaluation research, data collection, ethics, and formal reporting. 5 quarter hours

PS 402 Seminar in Psychotherapy. ***Prerequisite: PS 352 Abnormal Psychology.*** An introduction to personality theory and the techniques of counseling and psychotherapy. An approach to psychotherapy and psychotherapeutic techniques will be emphasized within which various schools of thought can be considered in terms of a common framework. 5 quarter hours

PS 404 Drugs and Behavior. The study of the multi-dimensional variables applicable to the problem and treatment of addictive disorders. Common drugs of abuse as well as "designer" drugs will also be discussed. 5 quarter hours

PS 405 Biofeedback. (Laboratory included.) Basic principles of biofeedback with emphasis on clinical and research applications. 5 quarter hours

PS 406 Physiological Psychology. (Laboratory included.) A study of the relationships between physiological and psychological functions with special emphasis on mind-body interaction and the physiological explanations for human behavior. Topics of study include: nervous and endocrine systems, sleeping and waking; ingestive behavior; sexual behavior; reinforcement, punishment, motivation; emotions; and learning (disabilities, dysfunctions, etc.). 5 quarter hours

PS 407 Biofeedback and Stress Management. (Laboratory included.) Application of biofeedback principles and techniques for the management of stress. 5 quarter hours

PS 410 History and Systems of Psychology. A consideration of the intellectual and philosophical traditions of psychology. The course spans pre-Socratic thinkers to the intellectual concerns of the current global era. 5 quarter hours

PS 441,442,443,444 Special Topics in Psychology. To be offered on occasion of student demand or need. 1-5 quarter hours

PS 460 Directed Studies in Psychology. 1-5 quarter hours

PS 461 Tests and Measurements. (Lab included). Principles and procedures of measurement and evaluation to include consideration of effective evaluative methods, construction of classroom tests and use of standardized tests. 5 quarter hours

PS 470, 471 Practicum in Psychology. ***Prerequisite: Senior standing and approval of instructor.*** (The course includes a weekly seminar with discussion and evaluation of experiences in the field.) Provides supervised experiences in appropriate community agencies, institutions, industrial or research settings. 5 quarter hours

Public Safety Administration (PSA) Courses

PSA 314 Legal Issues in Public Safety Administration. An examination of the laws, rules, and regulations that have general applicability to public safety agencies. Topics covered include codes and ordinances, legal responsibilities of public safety agencies, and enforcement procedures and administrative powers. 5 quarter hours

PSA 320 Managerial Communication. (Lab fee.) (See MG 320.). 5 quarter hours

PSA 346 Principles of Management. (See MG 346.). 5 quarter hours

PSA 349 Human Resources Management. (Lab fee.) ***Prerequisite: PSA 346.*** (See MG 349.) 5 quarter hours

PSA 375 Organizational Behavior. ***Prerequisite: PSA 346.*** (See MG 375.). 5 quarter hours

PSA 377 Public Administration. (Also listed as PO 377).An examination of the major issues and concepts associated with management of governmental agencies. Topics include personnel management, financial management and budgets, political and legal environments, employee rights and responsibilities, program evaluation, and community relations. 5 quarter hours

PSA 425 Strategic Management Concepts for Public Safety Management. An examination of the interrelationships among the various functions of public safety agencies, and a critical inquiry into the process of effective decision making. Readings in professional journals, written reports, and case analysis will be emphasized. 5 quarter hours

PSA 444 Topical Seminar/Research in Public Safety. An examination of research regarding public safety administration using a research seminar format. 5 quarter hours

PSA 465 Public Safety Administration Practicum. Provides supervised administrative experiences in appropriate public safety agencies. This course includes routine seminars with discussion and evaluation of experiences in the field. 5 quarter hours

Physics (PY) Courses

PY 301/302/303 Physics. *Prerequisites: MA 303 and MA 304.* (Laboratory included.) A calculus-based introduction to the principles of mechanics, heat, sound, electricity, magnetism, and light. 5 quarter hours each

PY 305 Introduction to Modern Physics. *Prerequisite: PY 303.* The development of quantum physics from a historical perspective. Introduction to relativistic kinematics, wave/particle duality, and atomic and nuclear structure. 5 quarter hours

PY 306 Heat and Thermodynamics. *Prerequisite: PY 303 and MA 306. (CH 430 may be substituted for this course.)* A study of calorimetry, equations of state, heat transfer and the laws of thermodynamics. 5 quarter hours

PY 308/309 Mechanics. *Prerequisite: PY 303 and MA 421.* A study of the laws and principles of statics, dynamics, vectors, torques, conditions for equilibrium, and moments of inertia. The solution of many problems is required. 5 quarter hours each

PY 311/312 Electricity and Magnetism. *Prerequisite: PY 303, MA 421; MA 316 is recommended.* The theory of electromagnetic fields and waves as developed from the basic experimental laws. Application of these theories is made to DC and AC circuits. Emphasis is placed upon techniques of problem solving. 5 quarter hours each

PY 344 Principles of Optics. *Prerequisite: PY 305, MA 421.* A study of optical phenomena including wave motion, reflection, refraction, image formation and dispersion. 5 quarter hours

PY 345 Physical Optics. *Prerequisite: PY 344.* Selected topics in classical and modern physical optics. Covers polarization, interference, Fresnel and Fraunhofer diffraction, Fourier methods, coherence, stimulated emission, lasers, and holography. 5 quarter hours

PY 410 Introduction to Solid State Physics. *Prerequisite: PY 305, MA 421; MA 316 is recommended.* Structure, electrical and magnetic properties of solids. Phenomena covered include lattice vibrations and the band theory of metals, semiconductors, and insulators. 5 quarter hours

PY 414 Nuclear Physics. *Prerequisite: PY 305.* The structure of the atomic nucleus, isotopes, natural radioactivity, the laws of radioactive transformation, transmutation, nuclear reactions, and nuclear structure. 5 quarter hours

PY 415/416 Introductory Quantum Physics I & II. *Prerequisite: PY 305, MA 428.* Introduction to quantum mechanics, Schroedinger wave equation, applications to microscopic systems; Fermi-Dirac and Bose-Einstein statistics, and the special theory of relativity. 5 quarter hours each

PY 418 Statistical Thermodynamics. *Prerequisite: PY 416.* The concepts of temperature, entropy and the chemical potential are developed from the principles of equilibrium quantum states. Quantum statistics are developed. 5 quarter hours

PY 420 Problems in Theoretical Physics. *Prerequisite: Permission of Instructor.* 5 quarter hours

PY 435/436 Senior Laboratory. *Prerequisite: PY 305, PY 309, and PY 312.* Selected experiments from modern physics, electricity and magnetism, optics, and thermodynamics. 3 quarter hours each

PY 441,442,443,444 Special Topics in Physics. *Prerequisite: Permission of Instructor.* To be offered on occasion of student demand and need. 1-5 quarter hours

PY 460 Directed Study and Research in Physics. *Prerequisite: Permission of Instructor.*) 1-5 quarter hours

Religion (RE) Courses

*RE 301 Major Religions of the World. A study of the principal non-Christian religions of the world in comparison with Christianity. 5 quarter hours

*RE 303 Current Religious Movements and Issues. An examination of current religious issues and movements which are influential in the thought and practice of modern society. 5 quarter hours

*RE 312 History of Judaism. Presents Judaism from the destruction of the Temple through medieval times. Examines the world of Talmud, Midrash, Response and the general Diaspora. Requires reading from historical and tenetial sources. 5 quarter hours

*RE 314 History of Islam. Presents Islam from its beginning, in an historical, religious and geographical context, to its major geographical, doctrinal and sectarian spread internationally. 5 quarter hours

*RE 320 Introduction to the Old Testament. A study of Hebrew history and thought as recorded in the Old Testament. 5 quarter hours

*RE 321 Introduction to the New Testament. A study of the beginnings of the Christian faith and church as recorded in the New Testament. 5 quarter hours

*RE 325 Philosophy of Religion. (Also listed as PH 325.) A philosophical study of the grounds of religious belief and practice, the relationship of man to God and its implications for morality and the belief in life after death. Special attention is given to the impact of science upon religion. 5 quarter hours

*RE 327 Sociology of Religion. (Also listed as SO 327.) The interaction, interpretation, and inter-relationships of religion, society, and individual morality in American religious behavior and institutions. 5 quarter hours

RE 330 Biblical Hebrew Grammar I. Inductive approach, utilizing the Biblical narratives, especially in Genesis and the Books of Kings. 5 quarter hours

RE 331 Biblical Hebrew Grammar II. Emphasis on conjugations, syntax, and morphology, Hebrew poetry and Hebrew narrative. 5 quarter hours

*RE 335 History of Christianity. (Also listed as HY 335.) A survey of the background and origin of the Christian movement and its development to the present time. 5 quarter hours

RE 340 New Testament Greek for Beginners I. Greek grammar utilizing New Testament vocabulary. 5 quarter hours

RE 341 New Testament Greek for Beginners II. Continuation of RE 340. 5 quarter hours

*RE 351 Christian Thought Today. A critical survey of three major trends in the interpretation of Christianity today: conservatism, liberalism and neo-Reformation thought. 5 quarter hours

*RE 403 Religion in Life. A study of Christian ethics which examines the meaning of righteousness in Christian context and its implications for decision-making in today's world. 5 quarter hours

*RE 409 Christian Thought in Early Centuries. A study of Christian thought in Jesus, Paul and other leaders in the first centuries. 5 quarter hours

*RE 412 The Hebrew Prophets. An inquiry into the origin, nature, and development of the Hebrew prophetic movement, and an examination of the lives, times, and messages of the latter Old Testament prophets. 5 quarter hours

*RE 413 The Wisdom and Devotional Literature of the Old Testament. A historical and faith analysis of the Books of Job, Ecclesiastes, Song of Solomon, Proverbs, Psalms and other fourth and third century BC Old Testament writings. 5 quarter hours

*RE 415 Religious Dimensions in Literature and the Arts. A study of various theological themes as they appear in literature and the arts. 5 quarter hours

RE 441,442,443,444 Special Topics in Religion. To be offered on occasion of student demand or need. 1-5 quarter hours

RE 460 Directed Study/Research in Religion. Open only to superior majors. May be repeated for up to ten additional hours of credit. 1-5 quarter hours

Special Education (SE) Courses

SE 301 Introduction to the Exceptional Child. (*Required of all teacher-education majors.*) A general survey course which addresses etiology, identification, incidence, curriculum modification, parent interaction and mainstreaming of exceptional children.(Requires field experience.) 5 quarter hours

SE 305 Meeting the Needs of Exceptional Vocational Education Students (Vocational and Technical Education Majors) A general survey course which addresses the identification, characteristics, needs, and legal rights of the adolescent and adult exceptional learner. Instructional/curriculum modifications and interagency planning to assist in serving the unique needs of these students will also be addressed. 5 quarter hours

SE 310 Learning Disabilities: Theories and Issues. A course designed to help the student become familiar with the background theories, current questions, and possible solutions in the field of learning disabilities. (Requires field experience.) 5 quarter hours

SE 330 Planning Curriculum and IEP's for the Learning Disabled. *Prerequisite:Previous coursework.* This course will develop a knowledge of educational taxonomies and skills in selecting and developing instructional sequences, selecting and writing appropriate objectives in an individualized educational program, and evaluating those objectives through the use of teacher-made mastery assessments. 5 quarter hours

SE 400 Classroom Management and Discipline. A course designed to develop an understanding of classroom dynamics and the skills to deal effectively with a variety of discipline and management problems. 5 quarter hours

SE 410 Assessment of Exceptional Children. *Prerequisite: Previous coursework.* (Lab Fee required.) A course designed to develop an understanding of assessment principles and purposes; it will also develop skill in administering a variety of educational diagnostic tests and procedures. 5 quarter hours

SE 420 Alternative Instructional Strategies. *Prerequisite: all other reading and math coursework.* A course designed to provide the pre-service teacher with alternative corrective procedures for a variety of presenting academic and social problems. (Requires field experience.) 5 quarter hours

SE 430 Advanced Diagnostic and Implementation Strategies. (Lab fee.) *Prerequisite: All other coursework except SE 440, SE 450 and ED 488.* A course designed to develop expertise in test administration, diagnosis of problems, and setting up instructional strategies for a variety of students in a simulated school setting. 5 quarter hours

SE 440 Meeting the Needs of the Secondary Learning Disabled. *Prerequisite: Previous coursework.* A course designed to develop an understanding of the learning disabled adolescent. It will stress an appreciation of the adolescent's academic, social, and vocational needs. (Requires field experience.) 5 quarter hours

SE 450 Professional Development Seminar. *Prerequisite: Previous coursework.* This course is designed to improve the skills of the individual student prior to the student internship. It is based on a clinical teaching model and allows the professor and student to select from a variety of options (e.g. advanced research skills, remedial composition skills, public speaking skills) the approach necessary to strengthen and advance the individual student's professional development. (Requires field experience.) 5 quarter hours

SE 470 Parent and Professional Conferencing Techniques. ***Prerequisite: Previous coursework.*** A course designed to help the prospective educator develop communication skills and ethical standards in communicating programs and problems of the exceptional learner to parents, professionals and other appropriate personnel. 5 quarter hours

Sociology (SO) Courses

NOTE: Introduction to Sociology is prerequisite for all sociology courses listed below.

SO 300 Moral Values in Today's Society. (Also listed as PH 300.) A sociological approach to the study of morality combined with a philosophical examination of what moral value is and how moral values may be realized in today's society. Emphasis will be given to specific current moral issues. 5 quarter hours

SO 304 Sociology of Work. Consists of sociological analysis of work in preindustrial and industrial societies; a consideration of problems involved in the conceptual and empirical study of occupations and professions; an examination of the process of professionalization, and the study of leisure and the social consequences of changes in occupations and professions. 5 quarter hours

SO 312 Majority/Minority Group Relations. A study of the principles and processes which shape the patterns of relations between majority groups, racial, ethnic and other groups, with emphasis on American society, along with a comparison of intergroup relations in other societies. 5 quarter hours

SO 314 Population Study. The relationship of demographic factors to the social structure. Trends in fertility, mortality, population growth, distribution, migration, and composition. 5 quarter hours

SO 327 Sociology of Religion. (Also listed as RE 327.) The interaction, interpretation, and interrelationships of religion, society, and individual morality in American religious behavior and institutions. 5 quarter hours

SO 340 Methods of Behavioral Science Research. (Also listed as PS 340). Theory design and collection of data in behavioral science with emphasis given to techniques by which behavioral science data is collected, analyzed and interpreted. 5 quarter hours

SO 341 Statistics in Behavioral Science. ***Prerequisite: PS or SO major or minor or permission, college algebra or equivalent.*** (Also listed as PS 341.) (Laboratory included.) Planning and conducting behavioral science research with emphasis upon elementary statistical analysis of behavioral science data. 5 quarter hours

SO 350 Introduction to the American Legal System. (Also listed as JS 350 & PO 350.) This course is a review of basic legal doctrines and processes in the U.S. system of jurisprudence. Students are introduced to a wide variety of topics in both civil and criminal justice. Topics include the theory and nature of law as a device for social control, torts, contracts, and ownership of property. The course is structured to provide pre-law majors with limited exposure to the many social conflicts managed by law and courts, and to provide education majors with an overview of law-related topics necessary for civics instruction. 5 quarter hours

SO 351 Political Sociology. (Also listed as PO 351.) Explores what federal, state, and local governments are doing to solve major social problems, such as poverty, crime, and minority group relations. 5 quarter hours

SO 360 The Contemporary American Family. A study of the origin and evolution of the family as a social institution and the relationship of family structure to social organization. 5 quarter hours

SO 361 Social Analysis. A study of the basic principles of social organization including an examination of the structure and function of groups and complex organizations including social institutions, with special emphasis on their operation in American society. 5 quarter hours

SO 362 Deviant Social Behavior. An in-depth examination of the social implication of labeling deviant behavior, its effects upon both the individual and society. 5 quarter hours

SO 363 Social Structure and Personality. An analysis of the relationship of the culture and individual behavior through social influences. 5 quarter hours

SO 380 Experimental Psychology and Methodology for Behavioral Science. ***Prerequisite: Psychology or Sociology major or minor and PS/SO 341 Statistics in Behavioral Science.*** (Also listed as **PS 380.**) (Laboratory included.) An introductory course in experimental methods and procedures in psychology and sociology. Topics of discussion will include: hypothesis formation, internal and external validity, true experimental designs, quasi-experimental designs, single-subject designs, evaluation research, data collection, ethics, and formal reporting. 5 quarter hours

SO 401 Adult Corrections. (Also listed as **JS 401.**) Socioeconomic facets of crime and principles and practices of delinquency, probation and parole, interaction (environmental and attitudinal) of persons from sentencing to return to society will be stressed. 5 quarter hours

SO 441,442,443,444 Special Topics in Sociology. A study of social issues and contemporary social problems and their consequences. 5 quarter hours

SO 452 Advanced Criminology. (Also listed as **JS 452.**) Analysis of social causal process and theories by which individuals become criminals and evaluation of the effectiveness of the criminal justice system in returning helpful, contributing citizens back to society. Historical and contemporary orientation. 5 quarter hour

SO 45Juvenile Delinquency. An in-depth examination of juvenile delinquency within a sociological framework. Includes both a theoretical and practical emphasis. 5 quarter hours

SO 460 Directed Research Studies in Sociology. Designed to examine selected topics from a sociological perspective. Open to senior level majors by approval. 5 quarter hours

SO 461 Sociological Theories. An historical examination of the theories and principles of sociological theory with emphasis on current theory and its relationship to research. 5 quarter hours

SO 464,465 Seminar and Field Observation in Social Work. ***Prerequisite: Permission of instructor.*** This course will entail approximately six to eight hours of active field observation per week in cooperation with specific social work agencies in this area and bi-weekly in-class seminar. 5 quarter hours each

SO 471 Aging in a Mass Society. A study of the aging process, the special problems encountered by the aging and by the institutions of society involved in the care of the aging. 5 quarter hours

Social Science (SS) Courses

SS 300 Principles of Social Science. ***(Required of students seeking the Bachelor of Science in Education degree majoring in History, Political Science or Psychology.)*** A comprehensive course designed to explore the philosophies and concepts upon which the social sciences are based. Includes History, Psychology, Sociology, Political Science and Philosophy. 5 quarter hours

SS 301 Social Science Research Methods. ***(Should be taken at the beginning of the junior year.)*** (Also listed as **PO 301** and **HY 301.**) A course designed to develop the techniques of social science research and to explore varying historical interpretations. Also aims at preparation of teaching materials. 5 quarter hours

SS 310 Modern Economics. (Also listed as **EC 310.**) A macro examination of the operation of modern economic systems including price determination, aggregate demand and supply theory, public policy options, and the philosophical foundations of free market and command systems. 5 quarter hours

SS 321 Money and Banking. ***Prerequisite: Principles of Economics***. (Also listed as EC 321.) A study of how money, credit and interest rates affect the level of employment, production, and prices in the economy. Topics of study will include the Federal Reserve System, the operations of commercial banks, credit controls, the theory of income determination, as well as recent trends in banking. 5 quarter hours

SS 323 Introduction to Managerial Economics. (Also listed as EC 323.) A one-quarter course that analyzes the behavior of individual firms and households carrying on production or consumption. The material provides a practical examination of important microeconomic principles behind the operation of any modern business and explains the analytical tools used in making effective management decisions. 5 quarter hours

Vocational and Technical (VE) Courses

VE 259 Basic Technical Specialty (0-65 quarter hours): This course number designates credit awarded for the journeyman level training in a technical specialization area. Validation by completion of a nationally recognized competency examination may be required.

VE 279 Transfer Credit in Vocational and Technical Specialization Area. (0-65 quarter hours credit): This course number designates transfer credit for any vocational, career or technical course from postsecondary vocational schools, technical colleges, technical institutes or any of the approved military programs and other schools. ***(May not be granted concurrently with VE 259.)***

VE 302 Foundations of Vocational and Technical Education. A course designed to relate the development of vocational and technical education from historic apprenticeships to contemporary vocational and technical programs. Philosophies and principles of vocational and technical education are also reviewed. 5 quarter hours

VE 432 Methods of Teaching Vocational and Technical Subjects. (Laboratory experiences are included.) A review of teaching strategies, procedures, audio-visual laboratory and concrete experiences which may be used to develop specific performance objectives for instruction. 5 quarter hours

VE 433 Materials in Vocational Education (Lab Fee). Includes teaching devices and methods of application; desirable teaching facilities; motivation and development of skill, reasoning qualities, lesson planning. Computer lab included. 5 quarter hours

VE 434 Occupational Analysis and Curriculum Development in Vocational and Technical Education. A course designed to provide a knowledge of the problems, techniques, and procedures in the selection and organization of subject matter for instructional purposes. Each student is required to develop a two-year vocational curriculum suitable for implementation in vocational schools. 5 quarter hours

VE 435 Industrial and Shop Safety. Identifies potential safety hazards as they pertain to vocational education shops in the schools and industrial shops. Accident prevention techniques are provided. OSHA is introduced to the student in his or her area of skill concentration. 5 quarter hours

VE 436 Vocational Information Guidance. An introductory course in vocational guidance to provide the principles and techniques necessary to organize and operate vocational guidance services in the public school. 5 quarter hours

VE 438 Shop Organization and Management. Provides a knowledge of the problems, techniques, and procedures used to maintain and manage vocational and industrial shops for instructional purposes or for manufacturing. Deals with the organization, management, and care of shops. 5 quarter hours

VE 439 Youth Organizations and Advisory Committees. Provides the procedures for establishing, implementing and operating student organizations and advisory committees. 5 quarter hours

VE 440 Testing and Evaluation in Vocational Education. A course designed to review the techniques and methods used to measure and interpret students achievement. 5 quarter hours

VE 441,442,443,444 Special Topics in Vocational Education. To be offered on occasion of student demand or need. 1-5 quarter hours

VE 445 Functions of the Coordinator. Prepares the student to organize and administer the various programs in vocational education that are of a cooperative nature. 5 quarter hours

VE 446 Individualizing Instruction in the Vocational and Technical Programs. A study of instructional strategies and procedures for meeting the individual needs of students. 5 quarter hours

VE 450, 451, 452 Practicums in Advanced Technical Studies. ***Prerequisite: Must be in-service teacher.*** Individually designed laboratory studies in the state of the art of a variety of technologies. 5-15 quarter hours

VE 459 Advanced Vocational and Technical Specialty (0-20 quarter hours). This course number designates credit that is to be awarded for advanced industrial or educational work experience (Non-teaching) in the specialization area. No credit will be granted for work experience which does not exceed in responsibility the original level of training.

VE 460 Directed Study/Research in Vocational Education. To be offered on occasion of student demand or need. 1-5 quarter hours

VE 461 Related Training in Vocational Education. Courses designed to include attendance at an approved industrial, company-operated school for the purpose of providing the vocational teacher with advanced related technical training. Courses are open to qualified teachers or individuals preparing to enter this field of teaching. Detail planning for each course will be conducted by a team of postsecondary trade and industrial teachers from throughout the state, Academic Deans of Technical Colleges, Presidents of Technical Colleges, State Department Representatives and the academic personnel of the college. Planning relates to ED 460 also. 1-5 quarter hours

VE 469 Vocational and Technical Specialty (Training Experience 0-10 quarter hours.) ***(Limited to in-service teachers.)*** Five quarter hours credit may be awarded for each year of documented vocational specialty teaching experience verified by the director or supervisor in vocational and technical school. A limit of ten quarter hours credit is granted. Only five quarter hours may be earned for a 12-month period. This teaching experience must have been supervised and evaluated and may be from an approved military school, industrial and business school, proprietary school, or public vocational school at either the secondary or postsecondary level.

VE 470,471,472 Practicum - Supervised Work Experience (Lab Fee) ***Prerequisite: Admission to the Teacher Education Program.*** College/University supervised work experience in a program area work setting. 5 quarter hours each

VE 483,484,485 Practicum in Teaching Vocational and Technical Education (In-service.) A series of studies designed to expand the current teaching skills of in-service teachers of technical subjects. These courses may not be substituted. 5 quarter hours each

VE 487 Internship in Vocational and Technical Education (Pre-service). A course which provides an opportunity for prospective teachers to observe and implement instruction in a technical college setting under the guidance of a competent critic/teacher. Participation in the full school program is required. 15 quarter hours

COLLEGE PERSONNEL

Jerry F. Bartlett, J.D., President of the College

OFFICE OF THE PRESIDENT

Jerry F. Bartlett, President. B.S., Florence State College; J.D., Samford University, Cumberland School of Law; Additional Study, Alabama Bar Institute for Continuing Legal Education.

Sandra Cook, Secretary to the President. B.S.Ed., Athens State College.

E. Gayle Romine Davis, Administrative Assistant to the President. B.S., Athens State College.

Patsy Swanner, Secretary for Employee Recruitment. B.S., Athens State College.

Susan D. Parker, Special Assistant to the President for External Affairs. A.S., Calhoun State Community College; B.S.Ed., Athens State College; M.A., The University of Alabama in Birmingham; Ph.D., The University of Alabama.

Patsy Swanner, Secretary for Foundation. B.S., Athens State College.

Mary Ann Allen, Coordinator of Continuing Education and Community Services. B.S., Athens State College.

Rita Harden, Secretary to the Coordinator of Continuing Education and Community Services. B.S., Alabama A&M University.

OFFICE OF THE DEAN OF ACADEMIC AFFAIRS

Richard E. Boyd, Dean of Academic Affairs. B.S.Ed., Northern State University; M.Ed., South Dakota State University; Ph.D., University of Nebraska.

Patricia Chavanne, Secretary to the Dean of Academic Affairs. B.S., University of Alabama in Huntsville.

Linda L. Rogers, Administrative Assistant to the Dean of Academic Affairs. B.S., Athens State College.

Angeline Nazaretian, Director of Alumni Affairs. B.S., Alabama College, Montevallo; M.A., Ed.D., The University of Alabama.

Sara Love, Secretary to Director of Alumni Affairs.

Robert Searcy, Coordinator of Weekend Services. B.S., M.A., University of North Alabama; Ph.D., University of Alabama.

Don Tomlinson, Assistant Dean of Academic Affairs for Evening Services. B.S.Ed., Athens College; M.A., Athens College; Ed.D., University of Alabama.

Sherrol Gideon, Part-Time Secretary, Evening Services.

Shirley Williams, Assistant to the Dean of Academic Affairs for Redstone Arsenal Extension. A.A., Calhoun State Community College; B.S., Athens State College; M.A., The University of Alabama; Additional Study, University of Alabama and The University of North Alabama.

Nancy Bynum, Secretary, Redstone Arsenal Extension.

Earl Hayes, Evening Staff Assistant, Redstone Arsenal Extension.

OFFICE OF INSTITUTIONAL ADVANCEMENT

Carl D. Witty, Dean of Institutional Advancement. B.A., David Lipscomb College; M.A., George Peabody College; Ed.D., Auburn University.

Sandra Cook, Secretary to the Dean of Institutional Advancement. B.S.Ed., Athens State College.

Rita Harden, Secretary, Title III. B.S., Alabama A&M University.

Betty M. Ruth, Director of RSVP. B.S., Athens State College; M.B.A., University of North Alabama.

FACULTY

SCHOOL OF BUSINESS

James F. Haynes, Professor of Economics, Associate Dean of Academic Affairs and School Head. B.A., Millsaps College; M.S., Alabama A&M University; Ph.D., Vanderbilt University.

Mark Anderson, Associate Professor of Legal Studies. B.A., J.D., The University of Alabama. Additional study: University of Alabama School of Arts & Science; Alabama Bar Institute for Continuing Legal Education.

Jerry F. Bartlett, Professor of Legal Studies. B.S., Florence State College; J.D., Samford University, Cumberland School of Law; Additional Study, Alabama Bar Institute for Continuing Legal Education.

Eddy J. Burks, Professor of Accounting. B.S., The University of Alabama; M.B.A., Louisiana Tech University; D.B.A., Louisiana Tech University; C.P.A.

Von Burton, Assistant Professor of Business Administration. B.S., Morehouse College; M.B.A., Alabama A&M University.

Oscar S. Campbell, Assistant Professor of Management. A.A., Martin College; B.A., M.A.S., The University of Alabama in Huntsville.

Vincent R. Colane, Emeritus Associate Professor of Legal Studies. B.A., Brooklyn College; J.D., Fordham University; Additional Study, Canisius College, Alabama Bar Institute for Continuing Legal Education.

Gene O. Ermert, Professor of Marketing. B.A., Ouachita University; M.S. in Economics, Baylor University; Ed.D., North Texas State University; Post Doctoral Study, Auburn University and the University of Alabama.

James E. Garino, Emeritus Associate Professor of Economics and Finance. B.A., Ohio Wesleyan University; M.A., Indiana University.

Robert D. Gulbro, Associate Professor of Management. B.S. University of Alabama; M.B.A., University of Alabama; D.B.A., Mississippi State University.

Jeffrey S. Harper, Assistant Professor of Management Information Systems. B.S., Athens State College; M.M.S., University of Alabama in Huntsville; Additional study, Auburn University.

Linda J. Hemingway, Assistant Professor of Accounting. A.A., Community College of Allegheny County; B.S., Western New Mexico University; M.A., New Mexico State University; C.P.A.

Harry Mason Joiner, Professor of International Commerce. B.A., DePauw University; M.S., Institute of International Studies, Geneva, M.A., Ph.D., The University of Kentucky.

R. Bryan Kennedy, Associate Professor of Management. B.S., M.A., Middle Tennessee State University, M.A.P.A. University of Oklahoma; Ed.D., Vanderbilt University.

J. Wayne McCain, Associate Professor of the Management of Technology. B.A.E., Auburn University; M.A.S., The University of Alabama in Huntsville; Ph.D., The University of Alabama in Huntsville.

Robert L. McCall, Emeritus Associate Professor of Management and Marketing. B.S., Athens College; M.B.A., Alabama A&M University; Ed.S., The University of Alabama.

Daniel A. Mingo., Assistant Professor of Management. B.A. University of the State of New York, Albany; M.S., University of Arkansas; Additional Study: University of Arkansas, University of Oklahoma.

Dahlia B. Newton, Assistant Professor of Management. B.A., Texas Technological University; M.B.A., Western Carolina University; Additional Study, North Texas State University, Texas Women's University, Arkansas State University, University of North Carolina.

David Nye, Associate Professor of Management. B.S., The University of Tennessee; M.B.A., Virginia Commonwealth University. Additional Study, Auburn University.

Linda B. Shonesy, Assistant Professor of Management. B.S., Auburn University; M.B.A., Auburn University, Montgomery; Ed.D., The University of Alabama.

William Whitley, Assistant Professor of Accounting. B.S., The University of Alabama in Huntsville; M.B.A., University of Houston; C.P.A.

SCHOOL OF EDUCATION

Jonita S. Haynes, Professor of Education, Associate Dean of Academic Affairs and School Head. B.S.Ed., Jacksonville State College; M.A., Alabama A&M University, Ph.D., Vanderbilt University.

Dora Ashford, Emeritus Associate Professor of Education. B.S., Alabama State University; M.Ed., Oklahoma University; Ed.D., The University of Alabama; Additional Study, Atlanta University, Alabama A&M University, The University of Alabama in Birmingham.

Myra Ashley, Professor of Education. B.S.Ed., Florence State College; M.S., The Florida State University; Ph.D., The University of Alabama.

Nancy S. Beasley, Assistant Professor of Education. B.S.Ed., Athens State College; M.A., Ed.D., The University of Alabama.

Luanne Biles, Assistant Professor of Special Education. B.S., M.A.Ed., Ball State University; Ed.S., Southern Connecticut State College; Ed.D., University of North Carolina.

Yvette M. Bolen, Assistant Professor of Physical Education. B.S., B.S.Ed., Athens State College; M.A., Alabama A & M University; Additional Study, Middle Tennessee State University.

Joe P. Brasher, Professor of Education. B.S., M.A., Ed.D., The University of Alabama.

Mark W. Durm, Professor of Psychology. A.A., Martin Methodist College; B.A., M.A., Additional Study, Middle Tennessee State University; Ph.D. The University of Mississippi, B.S. in Business Administration, Athens State College; Post Doctorate: Visiting Scholar, Dartmouth College.

Betty Jo Fuller, Emeritus Professor of Physical Education. B.S., M.S., Alabama College, Montevallo; Ed.D., The University of Alabama; Additional Study, New York University, Florida State University, University of Colorado, and University of Washington.

Elizabeth Hall, Professor of Special Education. B.F.A., Sarah Lawrence College; M.Ed., Alabama A&M University, Ph.D., George Peabody College of Vanderbilt University.

Virgiana C. Hamm, Assistant Professor of Education. B.S., University of Southern Mississippi; M.Ed., Ed.D., Northeast Louisiana University; Additional Study, University of Missouri, University of Cincinnati, Tyler Junior College, and the University of Texas at Tyler.

Patricia A. Kuby, Assistant Professor of Education. B.A., Louisiana College; M.A., Northeast Louisiana University; Ph.D., University of Alabama in Birmingham.

Peggy W. McNutt, Professor Emeritus of Education. B.S., Florence State; M.S., George Peabody; Ph.D., University of Alabama; Additional Study, Cambridge and Bath University.

Mary Lou Maples, Associate Professor of Education. B.S., Auburn University; M.Ed., University of Mississippi; Ed.D., University of Tennessee.

Robert H. Murphree, Professor of Education. B.S.Ed., M.A., Ed.D., The University of Alabama.

Sylvia N. Murray, Assistant Professor of Education. B.A., Florida State University; M.S., Jacksonville State University; M.S., The University of Alabama; Ed.D., The University of Alabama.

Harold Dean Murrell, Sr., Assistant Professor of Physical Education. A.A., Martin College; B.S.Ed., M.A.T., Athens College; Additional Study, The University of Alabama.

Angeline Nazaretian, Professor of Physical Education. B.S., Alabama College, Montevallo; M.A., Ed.D., The University of Alabama.

Betty Dean Newman, Professor of Education. B.S. Ed., University of North Alabama; M.Ed., Alabama A & M University; Ed.D., University of Alabama; Additional Study, Peabody College of Vanderbilt University, The University of Alabama.

Gail Pettus, Assistant Professor of Education. B.S., Jacksonville State University; M.A., University of Alabama, Birmingham; A.A., University of Alabama; Ed.D., University of Alabama.

Richard L. Sanders, Assistant Professor of Education. B.S., M.S., Ed.D., University of Southern Mississippi.

Bruce Thomas, Assistant Professor of Physical Education. B.S.Ed., Athens State College; M.A., The University of Alabama in Birmingham; Ed.D., The University of Alabama; Additional Study: The University of Wisconsin.

Don Tomlinson, Associate Professor and Director of Vocational Education. B.S.Ed., Athens College; M.A.T., Athens College; Ed.D., The University of Alabama.

David F. Tucker, Professor of Education. B.S., Athens College; M.A., Alabama A&M University; Ph.D., Vanderbilt University.

Patricia A. Tunstill, Professor of Education. B.S.Ed., Athens College; M.A., Ed.D., The University of Alabama.

Othel Washington, Assistant Professor of Vocational Education. B.S., M.Ed., Alabama A&M University.

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

Curtis D. Coleman, Professor of Religion and Philosophy, Associate Dean of Academic Affairs and School Head. B.A., Huntingdon College; M.Div., Emory University; D.Min., Vanderbilt University.

Richard E. Boyd, Professor of Speech and Dean of Academic Affairs. B.S.Ed., Northern State University; M.Ed., South Dakota State University; Ph.D., University of Nebraska.

Jesse Brown, Associate Professor of Political Science and Justice Studies. B.A. Jacksonville State University; M.A., Ph.D., Southern Illinois University.

Mildred W. Caudle, Emeritus Professor of History. B.A., Athens College; M.A., George Peabody College; Ph.D., The University of Alabama.

Mary Corum, Assistant Professor of Psychology. B.S., Athens State College; M.A., University of North Alabama; Additional Study, Alabama A&M University.

Frazier M. Douglass, Associate Professor of Psychology. B.S., M.A.C.T., Auburn University; Ph.D., University of Wisconsin.

Mark W. Durm, Professor of Psychology. A.A., Martin Methodist College; B.A., M.A., Additional Study, Middle Tennessee State University; Ph.D., The University of Mississippi, B.S. in Business Administration, Athens State College; Postdoctorate; Visiting Scholar, Dartmouth College.

Albert E. Elmore, Professor of English and Drama. B.A., Millsaps College; M.A., Vanderbilt University; J.D., The University of Mississippi; Ph.D., Vanderbilt University.

Bert Hayes, Emeritus Professor of Humanities and History. B.A., Toccoa Falls Institute; Ph.D., Hebrew Union College; Additional Study, The University of Alabama in Birmingham.

Dennis S. Johnson, Associate Professor of Art. B.A., Athens College; M.A., The University of Alabama.

Harry Mason Joiner, Professor of Political Science. B.A., DePauw University; M.S., Institute of International Studies, Geneva, M.A., Ph.D., The University of Kentucky.

Daniel Jones, Professor of Religion and Philosophy. B.A., Birmingham-Southern College; B.D., Emory University; Th.D., Boston University.

Tim R. Jones, Professor of Justice Studies and Public Safety Administration. B.A., University of Alabama in Huntsville, M.S. in Criminal Justice, Auburn University at Montgomery; Ed.D., Auburn University. Additional study, Calhoun Community College; Princeton Theological Seminary; Memphis State University; Auburn University.

Pamela Keller, Associate Professor of Art. B.F.A., Heron School of Art, M.F.A., University of Wisconsin.

R. Bryan Kennedy, Associate Professor of Psychology. B.S., Middle Tennessee State University, M.A., M.A.P.A., University of Oklahoma, Ed.D., Vanderbilt University.

Penne J. Laubenthal, Professor of English. B.A., M.A.T., Athens College; Ph.D., George Peabody College; Additional Study, The University of North Carolina.

Elva B. McLin, Emeritus Professor of English. B.A., B.S.Ed., Emporia State University; M.A., The University of Alabama; Ph.D., George Peabody College of Vanderbilt University.

Alfred C. Mierzejewski, Assistant Professor of History. B.A., Southeastern Massachusetts University; M.A., Ph.D., University of North Carolina - Chapel Hill.

Barbara Searcy, Assistant Professor of English. B.S., M.A., Florence State University.

Joe H. Slate, Professor Emeritus, B.A., Athens College; M.A., Ph.D., The University of Alabama; Post-doctoral Study, The University of California.

Jenita Smith, Assistant Professor of English and Faculty Advisor for the Athenian. B.A. and B.S.Ed., Athens State College; M.A.Ed, University of North Alabama; additional study, University of North Alabama.

Janet Harris Stewart, Assistant Professor of Psychology. B.S., Athens State College; M.A., University of North Alabama.

Teresa M. Terrell, Associate Professor of Sociology. B.A., M.S.W., The University of Alabama; Additional Study, Vanderbilt University.

Annette B. Trent, Associate Professor of Music. B.S., Samford University; M.A., The University of North Alabama.

Douglas M. Wertsch, Assistant Professor of History. B.S., M.A., Ph.D., Iowa State University.

Charles C. West, Emeritus Professor of Religion and Philosophy. B.A., Birmingham-Southern College; M.Div., D. Min., Vanderbilt University.

Carl D. Witty, Professor of Speech and Dean of Institutional Advancement. B.A., David Lipscomb College; M.A., George Peabody College; Ed.D., Auburn University.

SCHOOL OF SCIENCE AND MATHEMATICS

Thomas S. Jandebeur, Professor of Biology, Associate Dean of Academic Affairs and School Head. B.S., M.S., Ph.D., The University of Alabama; additional study, Auburn University, Vanderbilt University, University of Alabama in Huntsville, Harvard University, Northeastern University (The School for Field Studies), and Chautauqua (University of Georgia, University of Puerto Rico, Christian Brothers University).

Paul R. Allison, Associate Professor of Computer Science. B.S., Jacksonville State University; M.S., The University of Alabama.

Carey E. Cooper, Associate Professor of Computer Science. B.S., Auburn University, M.B.A. Alabama A&M University, M.S., Ph.D. University of Alabama in Huntsville.

Lawrence A. Covick, Assistant Professor of Chemistry. B.S., University of Illinois; M.A., University of South Dakota; Ph.D., University of Iowa.

William F. Crumbley, Distinguished Professor of Computer Science. B.S., Florence State University; Additional Study, The University of Alabama in Huntsville and Auburn University.

Neal Fentress, Professor of Mathematics. A.A., Bethel College; B.S., M.A., Murray State University; Ph.D., The University of Alabama.

Ronald Graham, Associate Professor of Mathematics and Computer Science. B.S., Florence State College; M.A., The University of Alabama; Additional Study, The University of Alabama in Huntsville and Florida State University.

Gregory S. Holliday, Associate Professor of Physics and Instrumentation Technology. B.S., College of Charleston; M.S., Ph.D., The University of Arkansas.

Janice Kelley, Chemistry Lab Supervisor. B.S., M.A., University of North Alabama.

Jennie Legge, Assistant Professor of Mathematics. B.S. and M.A., University of Alabama.

Nancy McDonald, Assistant Professor of Chemistry. B.S. Erskine College; M.S., Vanderbilt University.

Ronald C. McNutt, Emeritus Professor of Chemistry. B.S., Athens College; M.S., Ph.D., Vanderbilt University.

Robert G. Metke, Adjunct Professor of Computer Science. B.S., Tri-State College.

Christopher J. Otto, Assistant Professor of Biology. B.S., Indiana University; Ph.D. University of Wisconsin.

Donald R. Payne, Professor of Physics & Instrumentation. B.A., Athens College; M.S., Ph.D., Auburn University.

Lisa Rich, Associate Professor of Computer Science. B.S., University of Alabama; M.S., University of Alabama in Huntsville.

William A. Short, Professor Emeritus. B.S., Furman University; M.S., The University of South Carolina; M.S., Ph.D., The University of Alabama; B.S.Ed., Athens College; Additional Study, Fisk University and The University of Florida.

Randy York, Professor of Mathematics. A.B., University of California, Berkeley; M.A., University of Alabama, Huntsville; Ph.D., University of Wyoming.

NORTH ALABAMA TEACHER EXCHANGE

Virgiana C. Hamm, Director. B.S., University of Southern Mississippi; M.Ed., Ed.,D., Northeast Louisiana University; Additional studies, University of Missouri, University of Cincinnati, Tyler Junior College, and the University of Texas at Tyler.

Curtis Cagle, Computer Laboratory Assistant. A.A., Calhoun State Community College.

Charlotte Feigley, Secretary, North Alabama Teacher Exchange.

Ronnie D. Streible, Assistant Director, North Alabama Teacher Exchange. B.S., Western Kentucky University; M.A., Western Kentucky University; Additional Study, Western Kentucky University.

ACADEMIC SUPPORT STAFF

Celeste Bedingfield, Secretary, School of Humanities and Social Sciences (Behavioral Science). B.S. Ed., Jacksonville State University.

Karen Brock, Part-Time Secretary, School of Education.

Joyce Driskell, Administrative Assistant, School of Business. B.S., Athens State College.

David Fitzsimmons, Instrumentation/Computer Technician, School of Science and Mathematics. B.S., Athens State College.

Molly S. Jackson, Curriculum Laboratory Supervisor, School of Education. B.S.Ed., Athens State College.

Rebecca Holt, Reading and Math Clinic Supervisor. B.S.Ed., Athens State College.

Vicki Johnson, Counselor, School of Business. B.S., Athens State College.

Karen Lassere, Certification Officer, School of Education .

Jim Limbach, Microcomputer Laboratory Assistant; School of Business. B.S., Athens State College.

Vivian Morgan, Secretary, School of Education

Nicholas Pawluk, Microcomputer Laboratory Assistant, Redstone Arsenal. B.S., Athens State College.

Wanda Gail Pryor, Secretary, School of Education. A.A., Calhoun State Community College. Additional Study, Berea College, B.S., Athens State College.

Carol Quillen, Secretary, School of Humanities and Social Sciences. B.A., Athens State College.

Mary Simpson, Secretary, School of Science and Mathematics.

Donna Thomas, Secretary, School of Business. B.S., Athens State College.

LIBRARY

Robert R. Burkhardt, Director of the Library and Assistant Professor of Bibliography. B.A., Auburn University; M.S.L.S., The University of Tennessee; Additional Study, The University of Alabama.

James D. Ballew, Assistant Professor Emeritus. B.S., Athens College; M.A.L. Sc., George Peabody College; Additional Study, Georgia School of Technology.

Curtis Cagle, Media Specialist.

Jonny Clendenon, Library Technician. B.A., Athens State College; M.L.S., University of Alabama.

Barbara Grigsby, Assistant Professor of Bibliography. B.A., Athens State College; M.L.S., The University of Alabama.

Carla Knight, Library Clerk.

Timothy Dale Williams, Assistant Professor of Bibliography. A.S., Calhoun State Community College; B.S., Athens College; Business Education Certification, Athens State College; M.S.L.Sc. George Peabody College of Vanderbilt University; Additional Study, The University of Alabama.

Part-Time Library Staff

Marti Baldwin, Library Clerk. B.S.Ed., Johnson Bible College.

Anna Holland, Library Clerk. B.A., Athens College; Additional Certification Study, Florence State College.

Eugene Shockley, Adjunct Librarian. B.A., M.S.L.S., Linda Vista College; Th.D., St Petersburg Theological Academy.

Mable Steakley, Library Clerk.

STUDENT AFFAIRS

Othel Washington, Dean of Student Affairs. B.S. & M.Ed., Alabama A&M University.

Jennifer Butler, Financial Services Counselor, Student Financial Services. B.S., Athens State College.

Lisa Carter, Admissions Counselor/Veteran's Affairs Coordinator. B.S., Athens State College, M.A., University of North Alabama.

Maureen Chemsak, L.P.C., Director of Counseling and Career Services. B.A., English, M.Ed. Pennsylvania State University.

Sarah Crawford, Director of Student Financial Services. B.S., Athens State College, M.B.A., University of North Alabama.

Sheila Davis, Secretary, Admissions. B.S., Athens State College.

Barry Devine, Assistant Softball Coach, Sports Information Director, and Head Dormitory Resident. B.S., University of Alabama,; M.A., U. S. Sports Academy, Daphne, Alabama.

Renee Dobbs, Secretary for Admissions.

Sammy Echols, Assistant Basketball Coach. Part-Time Assistant, Student Support Services. B.S., Athens State College.

Necedah Henderson, Coordinator of Admissions. B.S., Athens State College; M.A., University of North Alabama.

Tina Hicks, Transcript Evaluator, Admissions. B.S., Athens State College.

Tracy Hicks, Printing Technician, Promotion and Publications.

Jo Huffman, Secretary, Student Financial Services/Office of Admissions. B.S., Athens State College.

Larry Keenum, Head Softball Coach and Director of Intramurals and Campus Recreation, B.S., Athens State College; M.A., The University of Alabama; Additional Study, The University of Alabama.

John W. King, Associate Dean of Student Affairs. B.S. Ed., Athens State College; M.A., The University of North Alabama.

Tena Lovell, Coordinator for Student Activities. B.S., Athens State College.

Kimberly Maclin, Secretary, Counseling and Career Services. B.S., Athens State College.

Betty L. Marks, Coordinator of Promotions and Publications. B.S., Athens State College.

Joy Morris, Secretary for the Dean of Student Affairs. B.S., Athens State College.

Felicia Mucci, Secretary, Records Office. B.S., Athens State College.

Harold Dean Murrell, Head Basketball Coach/Athletic Director. A.A., Martin College; B.S.Ed., M.A.T., Athens College; Additional Study, The University of Alabama.

Margaret M.Oliver, Coordinator for Student Support Services. B.A. and B.S., Athens State College.

Penny L. Roberts, Secretary, Student Activities. B.S., Athens State College.

Deborah Schaus, Coordinator for Recruiting. B.S., Athens State College.

Maria Stewart, Transcript Evaluator, Admissions. B.S., Athens State College.

Judy Stinnett, Coordinator of Campus Recreation and Intramurals. B.S., Athens State College.

Teresa Stinnett, Coordinator of Records\Registrar. B.S., Athens State College.

Ann B. Tidwell, Coordinator of Special Services. B.S., Athens State College.

Shirley Troupe, Secretary, Campus Recreation, Intramurals, Athletics, and Physical Education.

Kenneith Tucker, Secretary, Promotions and Publications. A.A., Calhoun Community College.

BUSINESS OFFICE

Ewell P. Smith, Dean of Financial Affairs. B.S., Athens College, M.A., The University of Alabama.

Sandra C. Garner, Secretary to the Dean of Financial Affairs.

Cathy Brett, Programmer/Analyst. B.S., Athens State College.

Diann Butler, Accounting Clerk. B.S., University of North Alabama.

Steve Clark, Microcomputer Systems Coordinator. B.S., University of North Alabama.

Maggie Frix, Night Switchboard Operator

Bradley Griggs, Computer Analyst. A.S., Snead State Junior College, B.S., Athens State College.

John Newbill, Chief Accountant. B.A., Birmingham Southern.

Suzanne Sims, Accountant. B.S., Athens State College.

Charlene Smith, Bookkeeper/Cashier.

Kimberly Smith, Bookkeeper, Accounts Payable. B.S., Mississippi State University.

Carolyn Witty, Switchboard Operator.

Faye Wright, Cashier/Bookkeeper.

BOOKSTORE

Gwen Lamb, Bookstore Manager.

Edna Greenhaw, Bookstore Clerk.

Kay Martinez, Part-Time Bookstore Clerk.

Edith Russell, Bookstore Clerk.

GROUNDS AND MAINTENANCE

Jerry Ezell, Maintenance Superintendent.

Dorothy Bartlow, Custodian.

Joe Bullington, Air Conditioning/Electrical.

Paula V. Bullington, Inventory Clerk/Secretary. B.S., Athens State College.

Floyd Chambers, Custodian.

Sandra Chambers, Custodian.

Patricia Collier, Custodian.

Roy Crunk, Painter.

Nicole Crutcher, Night Custodian.

Joe Davis, Custodian.

Robin Downs, Groundskeeper.

Sue Dudley, Custodian.

Jerry Garner, Painter.

William George, Custodian.

Shane Greenhaw, Night Custodian.

Paulette Hand, Custodian.

Thad Hebbe, Electrician/Air Conditioning/Refrigeration Mechanic.

Catherine Jones, Custodian.

Harold Jones, Custodian.

Delania King, Night Custodian.

Dwight Lovell, Assistant Maintenance Superintendent, Plumber/Electrician.

Billy Ray McLain, Grounds.

Horace Miller, Custodian

John Murray, Grounds/Custodian.

Helen Nelson, Custodian.

Doris Pepper, Custodian.

Tommy Phillips, Electrician.

Roger Sevigne, Custodian.

Ollie Thompson, Custodian.

Randy Vinson, Carpenter.

Bobby Wallace, Carpenter.

SECURITY

Orville Chambers, Security Guard.

Gordon Frix, Security Guard.

James Hand, Security Guard.

Greg King, Security Guard.

Tony Mims, Security Guard.

Larry Swanner, Security Guard.

1994 - 1995

STUDENT

HANDBOOK

Tena Lovell, Coordinator
for Student Activities

Any student complaint or concern not otherwise covered in this Handbook may be addressed under the College Grievance Procedure.

STUDENT SERVICES

Philosophy and Purpose

The purpose of Student Services is to provide a learning environment conducive to each student individually and collectively by establishing provisions for the development of the mind, body and character; not aside from curriculum instruction, but in partnership with it; not as a supplement, but as a complement. Student Services provides a climate of accessibility, authenticity and competency.

Goals and Objectives

1. To provide admission, registration, counseling, and other support services to effectively meet the students' needs for access to the institution.
2. To assist in creating an environment which is conducive to student development.
3. To provide a system for accurately recording and retrieving student records.
4. To provide proper orientation, personal counseling, career planning, and leadership training for the development of future growth opportunities.
5. To participate in the governing system of the College, particularly in the areas of long-range planning, fiscal management, policy regulation, due process in student discipline, and student life.

PROBLEMS AND CONCERNS CONTACT:

Absences - Instructor
Address Change - Admissions Office - SC
Adding & Dropping a Class - Admissions Office - CS
Admissions - Admissions Office - SC
Alumni Affairs - F
Athletics - Head Coach - Gym
Auditing a Course - Admissions Office - SC
Books/Supplies - Bookstore - SC
Career Information - Career Services - SC
Catalogs - Admissions Office - CS
Change of Major - Advisor
Clubs & Organizations - Student Activities - SC
Cooperative Education - Career Services - SC
Disability Information
 Day/Counselor - SC
 Evenings/Asst. Dean for Evening Programs - SC
Fees - Business Office - F
Final Exams (Absence) - Dean of Academic Affairs - B
Financial Aid - Student Financial Services - SC
Forming a Club - Student Activities Office - SC
Grade Change - Instructor
Grades - Instructor
Graduation Applications - Admissions - SC
Graduation - Dean of Academic Affairs - B
ID Cards - Student Affairs - Gym
Intramurals - Intramural Coordinator - Gym
Job Placement - Career Services - SC
Lost and Found - Dean of Student Affairs Secretary - SC
Music - Music Department - Mc
Newspaper - Student Activities Office - SC
Housing - Coordinator of Housing - SC
Parking - Business Office - F
Personal and Tutorial Assistance - Counselor - SC
Post Office Box - Promotions and Publications - SC
Testing - Counselor - SC
Probation & Suspension - Admissions Office - SC
Programs (Academic) - Dean of Academic Affairs - B
Quality Points - Admissions Office - SC
Refunds - Business Office - F
Registration - Admissions Office - SC
Rooms for Meetings - President's Secretary - B
Scholarships - Student Financial Services - SC
Social Functions - Student Activities Office - SC
Student Government Association - SGA Office - SC
Student Health Insurance - Dean of Student Affairs - SC
Transcripts - Records Office - SC
Veterans Affairs - Counseling Services - SC
Veterans Tutoring Service - Counseling Services - SC
Withdrawal (From Course) - Admissions Office - SC
Work Student - Student Financial Services - SC

F - Founders Hall
Gym - Carter Physical Education Center
SC - Student Center
Mc - McCandless Hall
B - Brown

ACCREDITATION AND MEMBERSHIPS

Athens State College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award baccalaureate degrees.

Athens State College is approved by the Alabama State Department of Education for the training of elementary, secondary, and post-secondary school teachers. The Alabama State Department of Education is a member of the National Association of State Directors of Teacher Education Certification.

NONDISCRIMINATION POLICIES

Athens State College does not discriminate on the basis of race, color, disability, national or ethnic origin, religion, age, sex, or marital status in admitting students to its programs or in administering its educational policies, admission policies, scholarship and loan programs, athletics and other institutionally administered programs or activities generally made available to students at the College.

Athens State College complies fully with the provision of Title VI of the Civil Rights Act of 1964. The College is an equal opportunity employer.

It is also the policy of Athens State College to comply with Title IX of the Education Amendments of 1972 which provides that "no person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving federal financial assistance."

DISABILITY POLICY

Athens State College will make every reasonable attempt to provide special services needed by students with disabilities. Services will consist of working with the "Division of Rehabilitation Services and the Alabama Department of Education to provide special equipment, modifying facilities, and any other reasonable measures available to provide a satisfactory learning environment."

It is the responsibility of the student to notify the College of special needs.

Day students needing special assistance should contact Ms. Maureen Chemsak, ADA Coordinator, Student Union Building, and evening students should contact Dr. Don Tomlinson, Assistant Dean for Evening Services, also located in the Student Union Building.

STUDENT INVOLVEMENT

Any student interested in serving on campus committees or councils should contact the Dean of Student Affairs office, Extensions 268 or 269. Students are encouraged to participate on various committees in making institutional decisions that improve programs and institutional effectiveness.

Students are frequently asked to serve on *ad hoc* committees as well as the following standing committees:

Academic Council
Admissions Committee
Planning Council
Student Services Committee
Institutional Effectiveness Committee
Dormitory Committee (elected)
Athletic Committee
Health and Safety Committee

Students interested in serving as an officer in the Student Government Association should refer to Article V of this publication. All currently enrolled Athens State College students are automatically members of the Student Government Association.

Student involvement is sought on a continuing basis through surveys and course evaluation forms. **The Athenian**, a student publication, is published quarterly. Through this medium, students may voice their opinions regarding institutional concerns and policies.



SGA OFFICERS FOR 1994-1995
Left to right, standing
Heath Baker, Treasurer
Patrick Patterson, President
Left to right, sitting
Melissa George, Secretary
Keith George, Vice-President

STUDENT SUPPORT SERVICES

Admissions and Records Offices
Student Center

As a recent applicant, you have already made your first contact with Athens State College Admissions Office. We sincerely hope that the transfer process was accomplished without unnecessary difficulties and that our office accurately described the institution and the program of your choice.

Students serve as our best recruiters, and we would like for you to become part of the Admissions Team. We hope these next few years, you too will share your experience here with prospective students and will provide the type of information you feel will best describe the educational opportunities at ASC. The Admissions Office and the Records Office welcome any comments that you may share concerning our recruitment efforts.

Admission Counseling is provided by the Student Services staff. For information pertaining to academic records and transcript requests, contact the Records Office, Ext. 165 or 167.

In accordance with Public Law 93-380, the Family Educational Rights and Privacy Act of 1974, all students and former students of Athens State College have the right to inspect their official educational records in the Records Office. This right of inspection does not apply to any confidential information submitted to this office prior to January 1, 1975, nor to access by students or former students to financial records of their parents. This act also limits the release of information by the college concerning a student without the student's permission. The Family Educational Rights and Privacy Act in its entirety is available at the college for student reference. All students should become aware of the provisions of this act.

Evening Services Office
Student Center

The Evening Services Office coordinates and implements programs and services designed to meet Athens State College's evening students' needs. A primary function of the Evening Services staff is to serve as a center of communication among administration, faculty, staff and students. The evening students are recognized as a unique group with unique needs. Evening services are available Monday-Thursday until 9:00 p.m. in the Student Center.

An evening student seeking aid or information should stop in the Student Center or call 233-8100, Extension 291.

Veterans Affairs
Student Center

Contact the Office of Admissions at Athens State College for procedures required to apply for admissions to the College. A student must be accepted before VA paperwork is processed.

Veterans with at least 20% service connected disability may qualify for Vocational Rehabilitation programs. Contact the Veterans Administration Regional Office for details. An enrollment application for VA benefits will be available at the Veterans Affairs office.

Transcripts from any post-secondary school you have attended will need to be forwarded to the Admissions Office. Certification for VA benefits will be processed for only one quarter until transcripts are received and evaluated. You may receive college credits for military schools or challenge testing. Be sure to ask us if you think you are eligible.

It is the responsibility of the veteran and dependents receiving V.A. benefits to notify the Office of Veterans Affairs of the following changes immediately:

1. Dropping and/or adding a class
2. Credit Level
3. Major Change
4. Dependency Status

Financial Aid
Student Center

The Financial Aid Program has been developed to provide assistance to those students who, without such aid, would be unable to attend college. All awards are based on individual need, college costs, and availability of funds.

In determining need, the Student Financial Services office will use the financial need analysis form as reported by the Federal Student Aid Report (SAR).

For further information on Financial Aid please see Financial Information in the catalog or contact the Financial Aid Office located in the Student Center, second floor.

Drug Abuse Program - Athens State College provides a free drug abuse program during the Fall Quarter for all students, staff, and administrators.

International Student Information - For information pertinent to foreign students, contact the Office of Counseling and Career Services on the second floor in the Sandridge Student Center, Ext. 180.

Counseling Services - Services will be made available to students in personal and social counseling as well as educational and vocational counseling. These services will be provided by or arranged through the Office of Counseling and Career Services. Students are encouraged to use these services during their adjustment and progression at Athens State. For further information visit the counselor's office in the Student Center or call 233-8285.

Student Health Insurance - Information is available in the Dean of Student Affairs Office located on the second floor of the Sandridge Student Center.

Health Service - Athens State College has no infirmary or medical center. Student Services maintains a physician referral service for students. This service identifies specialists, dentists, and various clinics. The Athens State College Student Services staff will arrange for transportaion in emergency situations. School insurance is available for individual students. Contact the Dean of Student Affairs Office, Ext. 268, 269.

Counseling and Career Services
Student Center

The Counseling and Career Services office coordinates the placement activities for graduating seniors and alumni. The service is available to persons seeking positions with business, industry, government, educational systems or graduate schools. Counseling concerning employment opportunities is provided for all students, and active assistance in locating positions is given to graduates. Interviews with prospective employers who visit the campus for recruiting purposes are arranged throughout the year. This office also assists undergraduate students in locating part-time, full-time and summer employment off-campus or in graduate schools. Information concerning graduate schools admission is also available.

Continuing Education and Community Services
Brown Hall

Continuing education, workshops, institutes, seminars, conferences, and non-credit courses provide additional educational opportunities beyond the traditional teaching and public service mission of Athens State. For further information, contact the Coordinator of Continuing Education and Community services in Brown Hall, or call 233-8100, Ext. 298 and ask for Ms. Mary Ann Allen.

SERVICE AND SUPPORT UNITS

Food Service
Student Center

Athens Food Service will provide food service in the Student Center and Bear Cage. Please check bulletin boards for hours of operation.

Lounge

The Study Lounge on the first floor of the Student Center is used for a wide variety of purposes and functions. This is the primary area for students to gather to eat, talk, watch television and study.

Bear Cage

The Bear Cage on the top floor of the Student Center offers pool and television.

Post Office

To obtain a campus mail box at no charge, please visit the Post Office located on the first floor in the Student Center.

S.G.A./Student Activities Office

These offices are located on the west end of the top floor of the Student Center.

All activities and projects sponsored by student organizations must be scheduled in the Student Activities Office by the Coordinator of Student Activities, Ext. 243.

Students at Athens State are automatically members of the Students Government Association. Elections for executive offices are held in the spring or fall of each academic year.

Feel free to come by and visit with us any time and we will assist in any way we can to solve problems or supply needed information. We also solicit your ideas and suggestions.

Student Organizations - (See Organizations in the Catalog section).

Cheerleaders - Cheerleaders are given tuition and dormitory scholarships. This group is responsible for promoting school spirit.

Intercollegiate Athletics

The intercollegiate athletic program at Athens State is an integral part of the total educational program. Athens State offers men's basketball and women's softball programs. The basic aims of the intercollegiate athletic programs at this institution are the following:

1. To provide a well rounded schedule of intercollegiate competition participation by a segment of the student body which complements and is consistent with the professional and educational goals of the institution.
2. To encourage physical fitness and emotional control; to foster good sportsmanship, school spirit, and loyalty; and to present opportunities to participate at a high level of competition.
3. To provide an opportunity for the student body to witness and enjoy good intercollegiate athletic competition.
4. To provide opportunities for students with superior athletic talents to participate fully in organized competition with students of similar ability from other colleges and universities.

Campus Recreation and Intramurals

The Campus Recreation and Intramurals program is open to students, faculty, and staff. A variety of activities are offered to meet the needs and interests of these groups. Activities will be added when requested, provided funds and facilities are available.

Intramural Calendar

Fall Quarter	Flag Football, Volleyball, and Bench Press Contest
Winter Quarter	Basketball, Badminton, Ping Pong
Spring Quarter	Tennis and Softball

Library
Founders Hall

Library Hours are as follows:

Monday-Thursday	7:45 a.m. - 10:00 p.m.
Friday	7:45 a.m. - 4:30 p.m.
Saturday	8:00 a.m. - 12:00 Noon
	1:00 p.m. - 4:00 p.m.
Sunday	2:00 p.m. - 5:00 p.m.

Library is not open on Sunday during the summer.

Cashier
Founders Hall

The Business Office handles check cashing and financial transactions for the campus. There is a $10.00 maximum check cashing policy. Hours are:

Monday - Thursday	8:00 a.m. - 6:00 p.m.
Friday	8:00 a.m. - 4:30 p.m.

College Bookstore
Student Center

The College Bookstore offers for sale textbooks for courses offered at the college and appropriate reference materials. Additionally, a variety of other items are offered including posters, mugs, T-shirts, records, cards, jewelry, notebooks, pens, pencils, paperbacks, and supplies.

The hours of operation are:

Monday - Thursday	7:30 a.m. - 6:00 p.m.
Friday	7:30 a.m. - 4:30 p.m.

Bulletin Boards

The following policy has been adopted for posting of announcements on campus:

1. Each school or administrative office will designate one or more bulletin boards to be controlled by that office. A small sign at the top should identify the board's use.

2. Student Announcements/Public Announcements" boards will be located in every building. Students or non-students wishing to post announcements on these boards must clear their announcements with the office of Student Activities.

3. Student Activities will stamp an approval on each announcement with an expiration date. A work study student will monitor these boards each week to remove expired announcements.

4. **No announcements of any kind will be allowed on walls, doors, or other surfaces.**

Adverse Weather Information

In the event of adverse weather conditions, there is a possibility of cancelled classes. That decision will be made by the Administration of the College. If classes are cancelled, announcements will be made over the local radio and television stations.

Information Center

The Information Center is located on the first floor of Sandridge Student Center. Bulletins will be posted on the corkboard by a representative from the Student Activities Office. Brochures pertaining to college life are available.

PARKING

Parking Regulations

The parking regulations contained in this Handbook are designed to provide as many parking spaces as possible and still provide a smooth and safe flow of traffic.

It is the responsibility of each student, faculty member, and staff member to read and familiarize themselves with these parking regulations. Failure to know a regulation will not excuse the fine.

General Regulations

1. Any car parked in a marked parking area must have proper decal.
2. Any car without a decal may park in the free parking area provided on the north side of Pryor Street.
3. All parking signs and instructions of the campus police officers must be obeyed.
4. A vehicle is considered parked if it is not attended by a licensed driver.
5. Parking regulations apply to **ALL** faculty, staff and students.
6. Riding motorcycles on the sidewalk or grass is prohibited.
7. Campus speed limit of fifteen (15) miles per hour will be enforded.
8. Family of students, faculty, and staff members must comply with campus parking regulations.
9. Decals are available at the Business Office from 8:00 a.m. until 5:45 p.m. Monday through Thursday and from 8:00 a.m. until 4:30 p.m. on Fridays. (The fee is $10.00). Decals change at the beginning of each Fall quarter.
10. Parking decals must be permanently affixed to the lower left corner of the rear window or rear bumper on the driver's side.
11. Handicapped parking areas are restricted to persons displaying official handicapped decals. (Handicapped decals may be obtained from the Probate Judge's Office.)
12. The student, faculty, or staff member to whom a college parking decal is issued shall be responsible for all parking violations of the vehicle for which the parking permit is purchased.
13. The campus police will issue tickets to any vehicle parked in such a manner that interferes with the flow of traffic or is in a position where it may damage property or be a safety hazard to other persons. Any offense that falls in that category will be classified as illegal and fined accordingly.
14. The campus police will issue tickets to any decaled vehicle parked in an area designated for a different colored decal.
15. Faculty/staff may park in any designated parking areas if sufficient red/green spaces are not available.

Parking Area:

White-Lined Parking:

Student Parking - Any white-lined parking space with an unpainted curb.

Blue-Lined:

Handicapped Parking Only

Green Curb/Green Lined::

Reserved for faculty only. 7:30 a.m. until 10:00 p.m., Monday through Friday.

Red Curb/Red Lined:

Reserved for staff only. 7:30 a.m. - 4:30 p.m., Monday-Friday Student parking permitted in red curb areas after 4:30 p.m. and on weekends.

Visitor Parking:

Designated "VISITOR" spaces are available throughout campus. Additional Visitor Parking is provided in the gravel lots on the north side of Pryor Street.

Free Parking

Free Parking is provided in the gravel lots on the north side of Pryor Street. (Any student/faculty/staff driving an undecalled vehicle must park in this area.)

ABSOLUTELY no parking is allowed in yellow marked areas at any time.

No parking is allowed beyond the yellow line behind McCandless auditorium. This area is for service vehicles only.

No parking in ANY nondesignated areas.

1.	No Parking Permit on vehicle	$10.00
2.	Decal not in proper place	$ 5.00
3.	Riding motorcycle on sidewalk or grass	$10.00
4.	Improper decal	$10.00
5.	Improper Parking	
	First Offense	$10.00
	Second Offense	$20.00
	Each subsequent improper parking offense for other listed violations	$25.00
6.	Unnecessary noise with vehicle	$ 5.00
7.	Speeding or any form of reckless driving	$10.00
8.	Parking in handicapped space	$25.00

Student appeals to traffic fines/violations should be made to the Student Judicial Court. Faculty/Staff appeals will be made to the Administrative Council.

Fines must be paid within two weeks at the College Business Office. If not paid within two weeks allowed, a $5.00 surcharge will be added.

After the third offense in any one quarter, parking decals will be revoked. If vehicle is found parked on campus, it will be towed away at owner's expense. This includes motorcycles.

NO GRADES WILL BE ISSUED UNTIL A STUDENT HAS PAID ALL TRAFFIC FINES

SERVICE AND SUPPORT UNITS

Tornado Emergency Procedure

The Civil Defense sirens will be the primary signal for any severe weather warning or other emergencies which require shelter on this campus.

In the event of a tornado watch, warning, tornado, or any other adverse weather condition which requires sheltering, during night classes or any hour after normal working hours, the switchboard operator or security guard should contact the head residents and/or the Assistant Dean for Academic Affairs for Evening Services by dialing 233-0270. The above should also be contacted when the all clear is sounded.

Shelter locations, shelter leaders, and sheltering procedures are listed on all bulletin boards for more detailed information.

During normal operation hours, everyone should report to one of the designated shelter locations listed below:

A - Physical Education Center
B - Student Center Basement
C - Waters Hall Basement
D - Sanders Hall Basement
E - Dormitories (lowest floor hallways)
F - McCain Hall Basement

STUDENT GOVERNMENT ASSOCIATION CONSTITUTION

Preamble

We, the students of Athens State College, in order to instill, develop, carry out, and perpetuate the ideals of our college, community and the nation in which it has grown and prospered, to assume rightful responsibility to the institution of Athens State College and its student body, to promote student interests and supervise student affairs in exchange of ideas, to establish unity and cooperation, to assume responsibility in the maintenance of character strength of the student body, and to promote democratic ideals and practice among the students of today for better leadership in the nation of tomorrow, do ordain and establish this Constitution.

ARTICLE I - Name

Section 1

The name of this organization shall be the Student Government Association of Athens State College.

Section 2

The school colors shall be royal blue and white.

Section 3

The school symbol shall be the "Bear".

ARTICLE II - Purpose

The purpose of the Student Government Association shall be to encourage and promote cooperation between the students and the faculty and administration, to unify the student body and to promote an intellectual interest in all phases of college citizenship, and to increase the sense of individual responsibilities.

ARTICLE III - Membership

Section 1

The membership in the Student Government Association shall consist of all those students enrolled at Athens State College.

Section 2

Voting membership in the Student Government Association shall consist of all duly elected officers and representatives.

Section 3

The Student Government Association shall be composed of the Executive and Legislative Departments.

ARTICLE IV - Officers

Section 1

The Executive Branch of the Student Government Association shall consist of the President, Vice President, Secretary, and Treasurer.

Section 2

The Legislative Branch of the Student Government shall be made up of six representatives: the three committee chairpersons (Financial Management and Budget Committee, the Student Affairs Committee, and the Entertainment Committee); the Senior Class President, the Junior Class President; and one representative elected by the Interclub Council.

ARTICLE V - Qualifications of Officers

Section 1

Any candidate for an office in the Student Government Association must submit an application to the Coordinator of Student Activities.

Section 2

Each candidate for President, Vice President, Secretary and Treasurer must possess and maintain a qualifying for election to said office. Each member of the Interclub Council must possess and maintain a 2.0 G.P.A. (Athens State College coursework only).

Section 3

Each candidate who meets the qualifications set forth in Article V, Sections 1 and 2 shall have his/her name placed on the official ballot for election to the specified office of the Student Government Association of Athens State College.

ARTICLE VI - Election of Officers

Section 1

President, Vice President, Secretary, and Treasurer of the Student Government Association will be elected by secret ballot of the student body during the spring or early fall.

Section 2

On the day of election each student at Athens State College may vote by secret ballot for one qualified candidate for President, Vice President, Secretary, and Treasurer.

Section 3

The candidate who is elected by a plurality of votes cast for each office shall be elected. Run-off elections shall be held until one candidate for each office has received a plurality of votes cast for that office.

Section 4

Any officer who is unable to complete a full term in office must secure permission from the Coordinator of Student Activities before seeking an office in the Student Government Association again.

ARTICLE VII - Term of Office for Officers

All officers of the Student Government Association shall be elected and installed during the spring or fall. The term of office ends with the conclusion of the academic year from the time of installation.

ARTICLE VIII - Duties of Officers

Section 1 **President**

The duties and powers of the President shall be the following:

A. To administer and enforce the constitution, its bylaws, and student representative statutes.
B. To appoint committee chairpersons and committee members.
C. To instruct and require reports from executive officers and cabinet members.
D. To call and preside over all meetings of the Student Government Association.
E. To make recommendations for legislation to the student representatives; for this purpose he/she may address the representatives at any time.
F. To sign or veto statues passed by the Student Government Association, provided that he/she exercises such power within ten class days after receipt of said legislation (A presidential veto may be overridden by two-thirds vote of the Student Government membership.)
G. To serve on the other committees as appointed.

H. To represent the college at functions on or off campus as requested or as needed.

Section 2 **Vice President**

The duties and powers of the Vice President shall be the following:

A. To coordinate the actions and activities of the SGA and to see that each member does his/her assigned duties.
B. To assume the position of SGA president and preside over meetings and have all the rights and privileges of the president during the president's absence or dismissal.
C. To sit as chairperson of the Interclub Council and coordinate that Council's activities.
D. To see that each committee chairperson does his/her assigned duties in accordance with the Student Government Association's wishes.
E. To represent the college at functions on or off campus and to conduct him/herself at all times in a manner which shall be for the good of the school.

Section 2 **Secretary**

The duties and powers of the Secretary shall be the following:

A. To hold the primary responsibility of recording minutes of all meetings.
B. To assume the responsibility for all official correspondences and other work of a clerical nature.

Section 4 **Treasurer**

The duties and powers of the Treasurer shall be the following:

A. To assume the responsibility for accounting for the expenditure of all Student Government Association funds.
B. To coordinate all SGA monies.

ARTICLE IX - Meetings of Officers

Section 1

The SGA meets weekly at a time and place to be determined by the officers.

Section2

All meetings shall be open to any member of the Student Government Association.

Section 3

Special meetings may be called by the SGA President, coordinator of Student Activities, or at the request of one-half of the officers.

Section 4

A quorum shall consist of two-thirds of the voting members of the Student Government Association.

Section 5

Robert's Rules of Order, Revised shall be the parliamentary authority for all matters of procedure not specifically covered by the constitution.

Section 6

Each officer/representative will be allowed no more than four unexcused absences from the Student Government Association meetings and/or SGA sponsored activities. After four unexcused absences have occurred, the officer/representative will be dismissed from the Student Government Association. Each absence must be excused by the SGA President or the Student Activities Coordinator prior to the meeting or scheduled event.

ARTICLE X - Removal or Vacancies of Officers

Section 1

The President shall be succeeded by the Vice President. The Vice President shall be succeeded by the President Protempore of the representatives. All other vacancies shall be filled by election of the voting members of the Student Government Association.

Section 2

Any elected or appointed official may be removed for failure to uphold the SGA Constitution. Any elected or appointed official of the student body may be removed from office for failure to attend meetings or SGA scheduled activities. Any disciplinary action taken against a SGA member shall be deemed just reason for removal.

ARTICLE XI - Chartering Clubs and Organizations

Section 1

Any college group desiring to organize a group or club shall apply to the officers of the SGA or Coordinator of Student Activities for a charter.

Section 2

At the time of application, each group shall complete the Student Organization Handbook. Application and reapplication must be completed and submitted to the SGA Council or the Coordinator of Student Activities by the beginning of the winter quarter.

Section 3

The officers of the SGA must act on each application and submit the information and their recommendation to the Coordinator of Student Activities who signs the application and passes it to the Dean of Student Affairs for his signature. After this review by the SGA and the administration, a copy of the application is returned to the organization as a formal notification of recognition.

ARTICLE XII - Programming Committees

Section 1

Standing committees of the Student Government Association shall consist of the Financial Management and Budget Committee, the Student Affairs Committee, and the Entertainment Committee.

Section 2

Each committee shall be responsible for planning, coordinating, and carrying out all activities relating to its purpose for the entire academic year for which the committee is appointed.

Section 3

The committee chairs shall be appointed by the executive committee and Coordinator of Student Activities pending approval of the Dean of Student Affairs. members of the commit tees may include volunteer students and one faculty/staff member, if desired.

Section 4

The committee chairpersons will serve as representatives of the Student Government Association.

Purpose

To provide the campus with a variety of cultural, social, recreational, and educational activities.

To supplement the student members' classroom education by creating an environment conducive to gaining practical experience.

To promote a milieu where students, faculty, and staff can interact and exchange ideas.

Meetings

To be scheduled by the committee chairs who notify (in advance) the Coordinator of Student Activities.

Funding Source - Student Service Fees

All program committees are to submit their budget requests to the Coordinator of Student Activities in the fall. These forms should help in describing the purpose of the committee and the activities to be implemented.

Concluding Remarks

The majority of our students are commuters, many of whom hold full-time or part-time jobs. The average age of our students is 30 and many are married with families. Therefore, our committees must be structured in a way to allow for a maximum of student input and involvement with the limited amount of time available to these students.

ARTICLE XIII - Interclub Council

Section 1

The Interclub Council shall consist of representatives from each club and organization.

Section 2

The purpose of the Interclub Council shall be to promote unification between the clubs and organizations and to act as a judiciary committee for the clubs and organizations.

Section 3

Representation is optional for the organizations; however, in order to be eligible for SGA funding, a group must be represented.

Section 4

The Interclub Council shall elect a representative who will represent the Council on the Student Government Association.

Section 5

The Vice President of the SGA shall chair the Interclub Council.

Section 6

The Interclub Council will meet monthly or more often if deemed necessary.

Section 7

The Interclub Council shall have the power to draw up and adopt bylaws to govern itself. Final approval from two-thirds vote of the Student Government Association is required.

ARTICLE XIV - Amending This Constitution

Section 1

Amendments to this Constitution may be proposed by any council member. Proposed amendments must be submitted to the officers of the Student Government Association in writing.

Section 2

This Constitution may be amended by a two-thirds vote of the officers of the Student Government Association.

ARTICLE XV - Ratification of this Constitution

This Constitution shall become effective when it is approved by a two-thirds vote of the Student Government Association.

HOUSING INFORMATION

GENERAL

The Athens State College Residence Halls are located on the college campus and are within walking distance to classrooms, the library, the Student Center, and the gymnasium. The campus is convenient to banks, restaurants, supermarkets, drugstores, and recreational facilities.

The rooms are fully carpeted and air conditioned. Residents have the use of a recreation room, vending machines, television lounge, coin-operated laundry, and visitor lounge.

ELIGIBILITY

Residence in Athens State College housing is a privilege. The College reserves the right to determine eligibility and suitability for campus housing.

Campus housing is maintained for male and female Athens State College students. Married couples and families live off-campus. The housing staff will assist students in locating off-campus housing if necessary. No person under the age of eighteen will be eligible for campus housing.

Priority consideration for occupancy will be given to full-time Athens State College degree seeking students.. Housing eligibility may be terminated when a student's course load drops below ten credit hours per quarter and/or when the student fails to make satisfactory progress toward graduation.

APPLICATION PROCEDURES

Campus housing spaces are limited. Priority to eligible applicants is based on the date of the application. Applications received after all available spaces have been reserved will be assigned to a waiting list. Notification of room assignments will be issued prior to the beginning of the term for which the application is made. Applicants are requested to notify the Housing Office if an assignment is to be cancelled. Failure to do so will result in denial of subsequent consideration of an application. The Housing Office will cancel any assignment not confirmed by the date shown on the assignment notice.

Applications for housing, Check-In/Check-Out procedures and forms, and Dormitory Registration Forms may be obtained in the Housing Office and the Residence Halls. Keys will be issued in the Residence Halls. All fees are to be paid in the Business office.

FRATERNITY AND SORORITY SPACES

A designated number of spaces may be reserved for use by fraternity and sorority members. The College reserves the right to claim these spaces for use by non-members as deemed necessary.

ROOM CHANGES

Efforts will be made to assign roommates who are compatible. Students who wish to room together should so indicate on their applications and apply about the same time if possible. Requests for changes in rooms and/or roommates will be accepted up to fifteen days after the first day of classes for each quarter. Requests must be submitted to the Housing Office in writing and the reason for the requested change must be stated. Requests for changes will be

subject to a $15.00 charge. The Athens State College administration reserves the right to make changes in room assignments as deemed necessary and/or appropriate.

GUESTS IN ROOMS

Residents will be permitted to have overnight guests in their rooms ONLY by permission through the Housing Office or the Head Resident(s).

QUARTER BREAKS AND HOLIDAYS

The Residence Halls will be closed during the Christmas holidays, Spring Break, and between quarters. Students should arrange for other living accommodations during these scheduled vacations. The Athens State College administration reserves the right to close the Residence Halls during all other holidays and vacation periods and when necessary for periodic maintenance inspections and repairs. Room rental rates do not include holidays and breaks between quarters.

CHARGES

Double Room Occupancy	**$275.00 per quarter**
Single Room Occupancy (When available)	**$325.00 per quarter**

Rental charges are to be paid on a quarter basis. Charges for each quarter are due and payable at the time tuition is due. Financial Aid recipients are responsible for payment of any charges not covered by financial aid at the time tuition is due.

Damage Deposit	**$50.00**

Payable upon initial occupancy and refundable upon termination of occupancy provided no damage has been charged. Refunds will be issued within four weeks.

Overnight Guests Per Night	**$10.00**
Key Replacement Fee	**$ 3.00**

Keys issued to residents upon Check-In remain the property of Athens State College and are not to be duplicated. Residents will be charged for replacement of any lost or misplaced keys.

Lock Out Fee	**$ 2.00**

If residents become locked out of their rooms and the Head Resident(s) or assistants are required to unlock the door, the resident will be charged for the service.

Room Changes

There will be a charge to residents who request changes in room/roommates subsequent to fifteen days after the first day of classes of each quarter.

ROOM CARE AND DAMAGES

Each resident will be held directly responsible for the care and cleanliness of the interiors of rooms and will accept full responsibility for the care and custody of the property in the assigned rooms. Damages to rooms and/or property in the rooms will be charged to the room occupants. Payment for damages will be deducted from the resident's $50.00 damage deposit. If the assessed damage exceeds $50.00, the occupant will be required to pay the amount in excess of $50.00. Residents will be held responsible for damage done by their guests.

Residents will be held responsible for damages to public rooms, including bathrooms and hallways. If damage occurs in a common area and the person(s) responsible cannot be identified, the cost of the damage will be shared by the group (s) involved.

Furniture in the rooms is not to be transferred from one room to another. Missing or disassembled inventory will be considered room damage. Any furnishings not provided by the college are not to be placed in the rooms and rooms are not to be painted except by permission from the Housing Office. Painting rooms without permission will be considered room damage. Nails, screws, tacks, and hooks are not to be driven into the walls, ceilings, floors, furniture, or woodwork. Decals are not to be placed on mirrors, walls, and doors. Residents who leave personal property in the rooms upon Check-Out will be charged for removal of such property. The cost of removal will be considered Room Damage.

Periodic room inspections will be conducted and residents will be notified in advance of scheduled room inspections. The Athens State College administration reserves the right to enter rooms at any time for the purpose of protecting property and promoting the welfare of all concerned.

VISITATION SCHEDULES AND POLICIES

Interdormitory Visitation

Visitation privileges are granted for Sanders Hall male residents to visit the rooms of Sanders Hall female residents; and Sanders Hall female residents to visit the rooms of Sanders Hall male residents according to the following schedule:

Mondays, Tuesdays, Wednesdays, Thursdays, & Fridays
12:00 Noon until 9:00 p.m.

General Visitation Schedule

Visitation privileges are granted for male residents and male non-residents to visit the rooms of female residents; and female residents and female non-residents to visit the rooms of male residents according to the following schedule.

Saturdays and Sundays
12:00 Noon Until 11:00 p.m.

Permission is granted for Sanders Hall male residents and female residents to visit in the first floor lobby areas until up to 1:00 a.m. Friday and Saturday nights.

Male residents may visit the rooms of other male residents and female residents may visit the rooms of other female residents at any time, provided all other housing rules are observed.

Quiet hours will begin each evening at the end of visitation hours.

Each resident and guest will abide by the following policies:

The door of each room must remain open and the lights on when a visitor is present.

No person under the age of eighteen will be admitted as a visitor. The Head Resident may request proof of age if necessary.

All residents and guests will conduct themselves in an orderly and polite manner. Loud, rude, or disorderly conduct will not be tolerated.

Guests must exit the rooms not later than the end of visitation hours as scheduled.

Fraternity and sorority members will schedule activities in their lounges in accordance with the **General Visitation Schedule** and the Quiet Hour policy.

Residents will be held responsible for the behavior of their guests.

Guests will not be allowed to visit rooms in the absence of the resident(s).

USE OF PUBLIC ROOMS

Public rooms including parlors, lobbies, and lounges may be used by residents and their guests during calling hours. Calling hours will begin at 11:00 a.m. daily and are not to exceed the designated closing hours of 11:00 p.m. Sundays through Thursdays and 1:00 a.m. Fridaysdays and Saturdays.

Activity in public rooms is to be confined to such a nature as not to disturb or interfere with the welfare of other residents. Any student and/or guest who behaves in a disruptive manner or fails to respond to the directions of the Head Resident, and/or assistants will be subject to disciplinary actions.

TELEVISION ROOM SCHEDULE:

Sunday through Thursday	7:00 a.m. to 11:00 p.m.
Friday and Saturday	7:00 a.m. to 1:00 a.m.

LAUNDRY ROOM SCHEDULE:

Sunday through Thursday	7:00 a.m. to 11:00 p.m.
Friday and Saturday	7:00 a.m. to 1:00 a.m.

RECREATION/VENDING ROOM SCHEDULE:

Vending machines will be available for use at all times. Game equipment will be locked:

Sunday through Thursday	11:00 p.m.
Friday and Saturday	1:00 a.m.

The Head Resident(s) will reserve the right to extend Quiet Hours during scheduled final examination periods.

EMERGENCY PROCEDURES

The Head Dormitory Resident(s) and/or assistant(s) on duty will be notified of any emergency situation which the college administration deems threatening to the welfare and safety of residents. All residents will follow the instructions as directed by the Head Resident(s), assistant(s), and/or other college official(s) as outlined in this publication under the heading Adverse Weather Conditions. Failure of any student to cooperate with college officials during an emergency situation will be cause for disciplinary action and/or suspension.

TELEPHONES

Sanders Hall

First Floor	232-9907 or 233-6507
Second Floor	233-6508 or 233-6516
Third Floor	233-6509 or 233-6510
Campus Ext.	282 or 109
Head Resident	233-8147
Campus Ext.	147

Telephone conversations are to be limited to ten minutes per call except in the case of long distance calls which are to be limited to fifteen minutes per call. Phone calls during Quiet Hours should be limited to emergencies only. Residents should answer the phones courteously, help the caller locate the resident called, and/or take a message. Residents will report harrassing or obscene telephone calls to the Head Resident or assistants.

FIRE SAFETY

Fire drill regulations will be provided by the Head Resident(s) and assistant(s) and regular fire drills will be conducted during each academic year. Residents will familiarize themselves with fire regulations, locations of fire exits, locations of fire alarms, and locations of fire extinguishers. In the event of fire, notify the Head Resident(s) or assistant(s) or pull the fire alarm or call the Athens Fire Department at 232-1212.

Residents will adhere to the following fire safety measures at all times:

*Cooking is not permitted in the rooms.

*Smoking is permitted only in designated rooms.

*Do not smoke in bed.

*Do not throw flammable items in trash piles or waste cans.

*Use sandbuckets and ash trays to dispose of cigarettes.

*Do not keep flammable materials in the rooms (gas, turpentine, etc.)

*Unplug all electrical appliances when not in use. (Hair dryers, irons, etc.) Avoid use of improper connections and alteration of electrical wiring.

*Report defective wiring to the Head Resident(s) or assistant(s).

Tampering with fire alarms, smoke detectors, fire extinguishers, and other emergency equipment is prohibited. Violators will be subject to disciplinary action and/or suspension.

MEDICAL EMERGENCIES

In the event of an emergency requiring medical attention, residents will notify the Head Resident(s) or assistant(s). If the condition warrants, a college official will be notified to arrange for emergency transportation and medical treatment. Parents and/or guardians will also be notified.

RULES, REGULATIONS AND POLICIES

Each resident, by signing the Housing Registration form, agrees to abide by the rules, regulations and policies established by the Athens State College administration as necessary to maintain an environment conducive to effective studying as well as comfortable living:

Visitation hours will be strictly observed.

Quiet hours will be strictly observed.

Emergency procedures will be strictly observed.

Loud, rude, and/or disorderly conduct will not be tolerated at any time.

Stereos, radios, televisions and/or other sound equipment are to be played at room listening volume. Speakers are not to be placed in or near windows and doors. Sound equipment is to be turned off when no one is in the room.

Residents will not be permitted to have overnight guests in their rooms except by prior permission through the Housing Office or the Head Resident(s).

Appropriate dress is required in the public rooms.

Incense burning is prohibited.

Pets are not allowed in the Residence Halls.

Water beds are not permitted in the Residence Halls.

Unauthorized telephone connections and/or telephones are prohibited.

Trash and food containers are not to be left in public areas except when deposited in proper receptacles.

Permission is granted to store and/or lock bicycles only in the bicycle rack provided for this purpose. Bicycles are not to be placed in the rooms, hallways, or public rooms.

Athens State College is not responsible for loss or damage due to negligence in securing personal property. Doors must be locked securely and residents must carry their keys with them when leaving their rooms.

Residents will conduct themselves in such a manner as not to violate any rule, regulation, or policy as established by Athens State College and as referred to in this publication under the headings: **College Regulations: (1) General (B) Major Infractions.**

Violation of any rule, regulation, or policy as established by Athens State College and/or failure to cooperate with and/or respond to the direction of any college official will result in disciplinary actions, loss of housing privileges, and/or expulsion.

TOBACCO USE POLICY

Smoking within all ASC buildings (with the exception of special accommodations in campus housing facilities) is prohibited. This policy is applicable to all lobbies, public areas, classrooms, and offices located on the ASC campus.

HOUSING PERSONNEL

Campus housing is a division of the Office of the Dean of Student Affairs. The Dean of Student Affairs is the Executive Officer. Housing is administered by the Coordinator of Housing. The designated administrative representative in each Residence Hall is the Head Resident. The Head Resident is aided by Resident Assistants. The Head Resident serves as counselor and advisor to the residents and the dormitory cabinet. The Head Resident(s) and assistant(s) are available to be of service to residents in all phases of campus life including but not limited to the knowledge and implementation of the Student Handbook in those areas applicable to resident living.

Any student who at any time fails to cooperate with or respond to the directions of the Head Resident(s) and/or assistant(s) will be subject to disciplinary actions, loss of housing privileges, and/or suspension.

Each Residence Hall will be represented by a cabinet to serve during the academic year for the purpose of providing adequate lines of communication between the resident student, the Student Government Association, and the college administration.

Each cabinet will be elected by the residents and will consist of a President, Floor Representatives, the Resident Assistants, and the Head Resident. The Head Resident will serve as advisor to the cabinet and the cabinet will not meet without the presence of the advisor. A Secretary will be appointed within the cabinet to keep records of meetings. The cabinet will develop a yearly calendar of events and suggest methods of securing adequate budgets for activities.

The Housing Coordinator will schedule regular cabinet meetings to discuss needs and plans for effective resident life. Residents are requested to follow a line of communication beginning with the Dormitory Cbinet for the purpose of resolving routine issues and concerns.

The entire Housing staff wishes to be of service to all residents and to provide assistance to all students in their adjustment to campus life.

For further information, visit the Housing Office or call (205) 233-8100, Extension 129 or 205-233-8129.

COLLEGE REGULATIONS

I. GENERAL

All students are held fully responsible for knowledge of all Athens State College rules and regulations as stated in the catalog and handbook and as may be posted on appropriate bulletin boards (Refer to rules on bulletin boards).

One of the major purposes of Athens State College is to provide an academic atmosphere for students desiring to acquire an education. One of the objectives of higher education is to form and develop acceptable habits of conduct and self-reliance.

One of the objectives of Athens State College is to prepare students for leadership. Certainly one element in enlightened leadership is exemplary personal conduct. Therefore, a positive admonition is made to all Athens State College students to be responsible citizens, to have integrity, and to show consideration for others. It also appears necessary, however, to categorize certain kinds of behavior which the College regards as highly unacceptable for any of its students. Those items listed below are viewed as sufficiently reprehensible that the commission of them may result in expulsion, suspension, or social probation.

The Athens State College administration reserves the right to amend and/or modify any rule, regulation, or policy included in this publication provided no substantive rights of the students are diminished.

A. HOUSING

Housing information and policies are described separately under "Housing and Student Rights, Responsibilities, Infractions, and Disciplinary Procedures" in this Handbook.

B. MAJOR INFRACTIONS

1. Conduct in violation of federal, state, or local laws.
2. Dishonesty, such as cheating, plagiarizing, or knowingly furnishing false information to the College.
3. Obstruction or disruption of the College's academic program or operations.
4. Failure to comply with directions of a college official acting in performance of his/her duties.
5. **ALCOHOLIC BEVERAGES** - Possession of or being under the influence of alcoholic beverages on state-owned property is unlawful.
6. **DRUGS, CHEMICALS, ETC.** - Sales, possession, or use of narcotic, stimulant, or hallucinogenic drugs, not prescribed by a physician for the individual are illegal.
7. **VANDALISM** - Malicious destruction, damage or defacement of public or private property is unlawful.
8. **THEFT** - Theft of public or private property is unlawful. Possession of known stolen property may lead to prosecution.
9. **ASSAULT/BATTERY** - Physical abuse of another person is unlawful.
10. **IDENTIFICATION** - Refusal to present identification card or otherwise cooperate with College officials, including head residents or campus security officers, is inappropriate. The student is entitled to ask for identification from the official if his\her identity is in doubt.
11. **RIOTOUS CONDUCT** - Participating in a riot, a mob action, or an unauthorized activity on or off campus.
13. **GOING THROUGH DOORS DESIGNATED AS "CLOSED DOORS" ON CAMPUS** - Entering the room of a member of the opposite sex, whether occupied or not is in violation of the Closed Door Policy and is prohibited.
14. **ENDANGERING THE HEALTH AND SAFETY OF OTHERS** -
 a. Possession and/or use of weapons not authorized by College regulations.
 b. Misuse of fire alarms or fire extinguishers.
 c. Setting off or adding to unauthorized fires on College property.
 d. Possession or use of fireworks (including caps, sparklers, etc.) and explosives on College property. New Code title.
15. **MISREPRESENTATION** - Willful misrepresentation to College staff with intent to deceive is prohibited.
16. Violation of library and traffic regulations as provided in the catalog, Handbook section of the catalog, or other rules or regulations that may be printed is prohibited.

Violations of published policies and regulations will render a student subject to disciplinary action under the procedures outlined in the College regulations. The procedures provide for adequate notice and a fair hearing. Cases involving violation of published policies and regulations in the catalog or the Student Handbook Section of the Catalog will be brought to the immediate attention of the Dean of Student Affairs and/or the Dean of Academic Affairs.

Penalties for violations include reprimand, loss of privileges, social probation, suspension, expulsion, and other penalties.

In case of a serious violation of college regulations where a student's continued presence considerably threatens the welfare of the College, the President or his designated representative(s) (Student Discipline Committee) may immediately place the student on suspension.

Every effort will be made to arrive at a mutually satisfactory decision. If a mutually satisfactory decision is not reached, the Dean of Student Affairs and/or the Dean of Academic Affairs and/or student may refer/appeal the case to the Student/Faculty Court of Appeals within three business days of notification of the decision. The referral/appeal must be made in writing and the reason(s) for the referral/appeal must be clearly stated.

II. JUDICIAL PROCEDURES

The Athens State College Judicial Procedures are divided into the Student/Faculty Court of Appeals, the Judicial Committee, and the Dormitory Cabinet. The function of each committee is defined below.

A. THE JUDICIAL COMMITTEE

1. **PURPOSE**
 The purpose of this committee is to select the members of the Student/Faculty Court of Appeals and recommend and establish judicial policies for the students of Athens State College.
2. **MEMBERSHIP**
 The President of the Student Government Association, the Dean of Student Affairs, the Dean of Academic Affairs, and the Coordinator of Student Activities.

B. THE STUDENT/FACULTY COURT OF APPEALS

1. **STUDENT APPLICATION** - Any full-time student who has earned at least a 2.0 grade point average at Athens State College may apply for a position on the Athens State College Student/Faculty Court of Appeals. Application is made to the Judicial Committee.

2. **MEMBERSHIP**
The Student/Faculty Court of Appeals consists of three student members and three faculty members. The three student and three faculty will be recommended by the Judicial Committee and appointed by the President on a yearly basis in April of the College year. The Judicial Committee decisions will be determined by plurality of the Judicial Committee. A final appeal may be made from the Student/Faculty Appeals Court to the College President. When necessary, the Judicial Committee will make appointments to finish incomplete terms.

3. **JURISDICTION**
The Student/Faculty Court of Appeals has jurisdiction over all appeals involving major infractions.

4. **GUIDELINES**
 a. The Student/Faculty Court of Appeals will hear a case within ten days of the time of its referral to it. A final decision must be reached within three weeks.
 b. The Student Affairs Office will be responsible for obtaining pertinent information concerning the students committing any major offense against college regulations. This may involve interviewing the accused and the individual instituting the charge. Student Affairs Personnel may bring charges.
 c. Charges will be placed in writing and given to the committee chairman. Names of witnesses must be listed.
 d. The defendant will be informed in writing of the charges 48 hours prior to the case. The Student Development Office will mail the written notice to the defendent. The student will, at this time, be notified in writing regarding his rights (rights of cross examination, silence, and attorney).
 e. The Student Affairs Office will present charges and affidavits to the committee at the beginning of the hearing. Charges and affidavits will be in writing.
 f. No member of the committee who is otherwise interested in this particular case shall sit in judgment during the proceedings.
 g. All matters upon which the decision may be based shall be introduced into evidence at the proceeding before the committee. The decision shall be based solely upon such matter. Improperly acquired evidence should not be admitted.
 h. In the absence of a transcript, there shall be a summary digest prepared by the Judicial Committee.
 i. The decision of the committee is final, subject to the Student's Right of Appeal.
 j. Pending action on the charges, the status of the student will not be altered except when the student may endanger persons or property. In such cases the Office of Student Affairs may take such immediate action as deemed necessary to protect the student himself, other students, faculty or college property. This action may include immediate suspension with Presidential approval.
 k. Committee will notify the student in writing of the outcome of the case within three business days.

C. STUDENT'S RIGHT TO APPEAL

1. The student may appeal the case to the President of Athens State College based on the following reasons:
 a. If suspension or dismissal of the student is recommended by the Student/Faculty Court of Appeals.
 b. If new testimony can be presented to alter the original case.
 c. Appeals must be presented in writing on forms provided by Student Affairs and signed by the appealing individual. Appeals must be presented in writing to the Student Affairs Office within 24 hours after the student is notified of the decision of the lower committee.
 d. The President's decision is final.

Expulsion will be recorded on the student's permanent record.

The College guarantees that the fundamental principles of fair play are observed and assures that no disciplinary action is taken on grounds which are not supported by substantial evidence.

Conscious effort is made to assure that the College Regulations are within the scope of the lawful missions of tax-supported higher education. It is recognized that it is not a lawful mission of the College to prohibit the exercise of a right guaranteed by the Constitution or a law of the United States. However, the President will take direct and appropriate action in any case involving the integrity of the College and the well-being of the students.

Social Probation

Probation is the middle status between good standing and suspension or expulsion. The student on probation remains enrolled but under conditions as stated by college policies.

Probation covers trial period during which it is determined whether or not the student should be returned to good standing.

Disciplinary probation at Athens State College means that the student is being given a "second chance" socially for an appointed period of time.

A second major social violation will affect the probation and subject the student to suspension if the committee so rules.

College policies on disciplinary probation state that the probationary period must be defined for all students placed on disciplinary probation. The conduct and attitude of a student will be evaluated and the probation continued if desirable conduct has not been displayed. A record of the disciplinary probation will be placed in the student's file.

After the evaluation and review, remarks concerning the activities of the student during this period will be noted in writing.

Channels of Communication

Each student has the right to express an opinion, make a suggestion, or submit a grievance. For the simplest and most direct action, the student will use the channels of communication in the order listed below:

1. The Student Government Association
2. Coordinator of Student Activities
3. Dean of Student Affairs and/or the Dean of Academic Affairs
4. President of the College

HONOR CODE

Athens State College, like all communities, can function effectively only when its members treat one another with honesty, fairness, respect, and trust. It is the policy of Athens State College to take whatever reasonable actions are required to uphold these standards and towards that end publishes this honor code.

In brief form, infractions of this honor code include any conduct that a reasonable person in the same or similar circumstances would recognize as dishonest or improper in an academic setting.

It is the responsibility of every student at Athens State College to be familiar with this honor code. It shall be the responsibility of every student at Athens State College to obey and to support the enforcement of this honor code which prohibits lying, cheating, or stealing when these actions involve academic procedures, or when these actions involve any student or College personnel acting in an official capacity.

1. **Academic Dishonesty**
 Academic dishonesty includes the following:

 Plagiarism -Plagiarism consists in taking the words or specific substance of another and either copying or paraphrasing the work without giving credit to the source. Examples of plagiarism include:
 a. Submitting a term paper, examination, or other work created by someone else.
 b. Failure to give credit in a footnote for ideas, statements of facts, or conclusions derived by another.
 c. Failure to use quotation marks when quoting directly from another, whether it be a paragraph, a sentence, or even a part thereof.
 d. Close and extended paraphrasing of another.

 Cheating - Cheating consists in the use of unauthorized notes, study aids, or information from another student or student's paper in an in-class examination; altering a graded work after it has been returned then submitting the work for re-grading; and allowing an other person to do one's work and to submit the work under one's name. This definition includes copying computer files or listings from another student. During examinations, cheating includes referring to information not specifically condoned by the instructor.

 Fabrication- Fabrication consists in presenting data in a piece of work and failing to include a substantially accurate account of the method by which the data were generated or collected. Data gathered in accordance with guidelines defining the appropriate methods for collecting or generating data should be documented by a reference to the guidelines used. Fabrication specifically includes submission of data purporting to be the results of an experiment not actually performed by the student.

 Aiding and Abetting Dishonesty - Aiding and abetting dishonesty includes the providing of material or information to another person with knowledge that these materials or information will be used improperly. This includes taking an exam or doing any work and submitting it under another student's name.

 Collusion - Collusion consists in the unauthorized collaboration of students, one with another, in preparing work to be submitted.

 Unauthorized Possession or Disposition of Academic Materials - Unauthorized possession or disposition of academic materials includes the selling or purchasing of examinations or other academic work, taking another student's academic work without permission, possessing examinations or other assignments not formally released by an instructor, and submitting the same paper for two or more difference classes without the specific authorization of all instructors involved.

2. **Procedures**

 a. Any instructor may further define in writing any specific acts which in the context of the class would constitute academic dishonesty. The instructor shall provide a copy of these definitions to the head of the academic division in which the course is taught.
 b. Any instructor may require students to sign a pledge at the conclusion of an examination stating that they have neither given nor received aid from any unauthorized source during the examination.
 c. Any instructor or proctor shall have the right to examine all materials in the student's possession during quizzes, examinations, and/or laboratory sessions.

When an instructor sees cause to charge a student with academic dishonesty, the instructor will first discuss the matter with the student. The instructor will explain both the specific charge and the proposed penalty.

Within 25 school days of the assessment of a penalty, the student may appeal the instructor's decision to the instructor's School Head. The School Head will confer with the student and the instructor in an attempt to reach an acceptable agreement. At that time, the School Head will present the student with a written statement of the charges and the proposed penalty. This notice will also inform the student of the right to appeal and the steps involved in that process. A copy of this notice, along with supporting documentation, will be sent to the Dean of Academic Affairs who will maintain records of all proceedings.

If the School Head is the instructor who charges the student with academic dishonesty, then the School Head must appoint another faculty member from the School who will assume the duties of the School Head for the purposes of any action regarding this specific case.

If the charge is not resolved at the division level, the student may request an appeal at the College level. Upon receipt of a written request the Dean of Academic Affairs will appoint and convene a college-wide Committee on Aca demic Honesty. This committee will consist of a minimum of two students, excepting those students involved in the case, and faculty from all divisions in the college, excepting those faculty directly involved in the case.

It is the responsibility of the committee to insure that the student's basic rights of due process are upheld. The accused student has the basic rights of:

a. proper written notification of the accusation including a complete explanation of the proposed penalties and the effect of such penalties on the student's academic life.
b. proper written notification of the time and place of any hearings held by the committee regarding the case.
c. fair hearings in the committee with the opportunity to meet the accuser and to hear all the materials being offered in evidence.
d. the opportunity to present evidence or witnesses.
e. the opportunity to appoint a faculty member, not serving on the committee, to be present during all

committee meetings and to offer advice and counsel. This opportunity in no way precludes the student's right to retain other counsel.

f. a full explanation of all policies relating to the proceedings being brought against the student.

After the committee has reviewed the case, the Chair of the Committee shall provide a written advisory report to the Dean of Academic Affairs. The Dean of Academic Affairs will then render a decision and notify the student as to whether or not the penalty proposed by the school will be upheld.

3. **Academic Penalties**

The following is a list of penalties which may be imposed upon any student found guilty of academic dishonesty. Penalties which may be imposed by the instructor or Division Head include:

a. Requirement to submit additional work or take additional exams.
b. A lower or failing grade on the assignment or examination.
c. A lower or failing grade in the course.

Penalties which may be imposed by the Dean of Academic Affairs include:

a. **Reprimand**: a written statement from the College expressing disapproval of conduct. This reprimand will be retained with the student's permanent record.
b. **Disciplinary Probation**: probationary status to be noted on the student's permanent record.
c. **Disciplinary Suspension**: suspension from the College for a period of one year. This suspension will be noted on the student's permanent record. After a period of one year the student may be readmitted to the College, but will return under disciplinary probation.
d. **Dismissal**: a permanent separation from the College. Students receiving this penalty are forever prohibited from readmission to the College. Dismissal will be noted on the student's permanent record.

CAMPUS SECURITY POLICIES

It is the policy of Athens State College that any criminal act; act or threat of violence; injury; destruction of college or personal property; traffic accident; or other situation which occurs on the main campus of, any branch campus of, or any other site operated by Athens State College, and which may constitute an emergency, a danger to the health, safety, or property of any person, or a threat to the public order be reported immediately to Dean Smith, Founders Hall, Room 108, Phone Number 233-8204, extension 204. In the event of the absence or unavailability of Dean Smith, the situation should contact the switchboard operator, dial -0-, from 7:30 a.m. until 10:00 p.m. on Monday through Thursday, and 7:30 a.m. until 4:30 p.m. on Friday. If neither Dean Smith nor the switchboard operator is available, contact the Athens Police Department at 233-8700 or 911 and request them to dispatch the college security guard to your location. Athens State College security guards are on duty from 6:00 p.m. until 6:00 a.m. Monday through Thursday and 4:30 p.m. Friday until 6:00 a.m. Monday morning. Also, securty guards are on duty any official holiday that the College is closed.

All witnesses to any situation which fits into any of the above-described categories shall make themselves available to make written statements and otherwise assist college officials and law enforcement officers in the investigation of the situation. It shall be an offense subject to appropriate disciplinary action for any Athens State College employee or student to file a false report of, knowingly make a false statement about, or interfere with the investigation of, any situation of nature described in paragraph above.

Athens State College is "security conscious", and the safety of our students, faculty, staff and visitors is assigned a high priority.

It is the policy of Athens State College that all persons who enter and utilize its facilities must comply with all federal, state, and local ordinances. Students, faculty and staff are also required to comply to the rulles and regulations set forth in this Handbook and Catalog, and otherwise established by the State Board of Education. Violations reported or otherwise detected will be completely investigated and submitted to proper authorities for prosecution, or other deportation.

COLLEGE POLICIES ON POSSESSION, USE, AND SALE OF ALCOHOLIC BEVERAGES AND ILLEGAL DRUGS

Athens State College is a public educational institution of the state of Alabama and, as such, shall not permit on its premises, or at any activity which it sponsors, the possession, use, or distribution of any alcoholic beverage or any illicit drug by any student, employee, or visitor. In the event of the confirmation of such prohibited possession, use, or distribution by a student or employee, Athens State College shall, within the scope of applicable federal and state due process requirements, take such administrative or disciplinary actions as is appropriate. For a student, the disciplinary action may include, but shall not be limited to, reprimand, or suspension or termination of employment or requirement that the employee participate in and/or successfully complete an appropraite rehabilitation program. Any visitor engaging in and act prohibited by this policy shall be called upon to immediately decease from such behavior.

If any employee, student, or visitor shall engage in any behavior prohibited by this policy which is also a violation of federal, state, or local law or ordinance, that employee, student, or visitor shall be subject to referral to law enforcement officials for arrest and prosecution.

STUDENT PUBLICATIONS

Athens State College is committed to the organization of student publications on campus with an overall benefit to the college community. The Athenian is recognized as an on-campus student publication.

The college recognizes the contributions that can be made by a student-managed and student-operated newspaper. Accordingly, Athens State College fully endorses the concepts of freedom of the press and freedom of speech as estabiiished by the Constitution of the United States as well as federal and state laws. Within these boundaries Athens State College is committed to the support of a student newspaper that serves the various needs of the academic community at large and/secondily, the needs of the surrounding community. The following rights and responsibilities as well as the above mentioned constitutional guarantees become the framework by which the recognition of the student newspaper is initiated and maintained.

The Athenian must be a vehicle of communication for all segments of the college community (i.e., student, faculty, and staff); it must therefore, be an organ of the college at large. Accordingly, editorial policy should permit soliciting input from all interested parties within the school. The editors are not obligated vis-a-vis their operations policy actually to publish all such input, but there shall be no arbitrary exclusion of input from any given individual or groups within the school.

In meeting the above criteria, the paper must be responsive to the needs of the school at large and the surrounding community. It also follows that it must be responsible to the school at large as is any other recognized student organization; accordingly, the student newspaper is accountable to the Student Activities Coordinator in matters pertaining to its rights and responsibilities. The Coordinator of Student Activities uses, as a standard, the Professional Newspaper Guild Code of Ethics, Sections 1,2, and 3.

Editorially, the paper must adhere to accepted journalistic ethics and standards of good taste as they relate to the responsible reporting of views or events.

Within these parameters the paper must have the freedom to:

Organize in whatever way is deemed internally efficient.

Publish without threat of censorship (although this in no way negates collective and individual responsibility for what is published).

Be free to establish editorial policy that is deemed appropriate and/or necessary.

CAMPUS DIRECTORY

(205) 233-8100

President Jerry Bartlett 201
Dean of Academic Affairs, Dr. Richard Boyd 214
Dean of Student Affairs, Othel Washington 268,269
Associate Dean of Student Affairs: John King 171
Dean of Financial Affairs: Ewell Smith 204
Admissions: Necedah Henderson 217
Admissions Counselor, Lisa Carter 124
Records: Teresa Stinnett 167
Bookstore: Gwen Lamb 249
Special Services: Ann Tidwell 180
Evening Services: Don Tomlinson 270
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